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Prof. John Torrey
with respects
of
M. A. Curtis.

[Rec'd Dec. 1867]

be otherwise, then, than that in the whole New World material should be discovered which should throw new light on the ancient vegetation of the globe. The idea that no American can be qualified to make good use of such material, is another instance of the arrogance to which I have before alluded, and to which it would be unmanly tamely to submit.

III. BOTANY AND ZOOLOGY.

Asa Gray

1. *Geological and Natural History Survey of North Carolina. Part III. Botany; containing a Catalogue of the Plants of the State, with Descriptions and History of the Trees, Shrubs, and Vines.* By Rev. M. A. CURTIS, D.D. Raleigh, 1860: the First part only, the *Woody Plants of North Carolina.* pp. 123, 8vo.—We have turned over the pages of this popular exposition with much interest, and gleaned some valuable information. "Botanists will of course find fault with it," says the author, who we well know could write scientifically and profoundly enough, if he so pleased, but who has here come down to the level of his most unlearned readers, discoursed separately of trees, shrubs, and vines, and classified these in a fashion which might well shock the susceptibilities of a stickler for technical nomenclature and natural system in botany. Now, we are not shocked at all; indeed we quite enjoy a glimpse of Flora *en deshabille* and slip-shod, and are well aware how much easier it is, and how much better in such cases, to fit your book to its proper readers than to fit the readers to it. The fault we should find is not with the plan of this Report, but with the quantity. We could wish for more of it, for a volume as large at least as Mr. Emerson's Report on the Trees and Shrubs of Massachusetts. We quite like to see the popular names put foremost, but would suggest that the botanist who does this should *lead* as well as follow the indigenous nomenclature, so far as to correct absurd or incongruous local names and introduce right or fitting ones as far as practicable. For instance *Virgin's Bower* is not a proper name for *Wistaria frutescens*, and is rightly applied to *Clematis Virginiana* over the leaf. (We venture to add, in passing, *C. Viorna* to the list, having gathered it in Ashe County.) And, although the people along shore call *Baccharis* by the name of the English annual weed, *Groundsel*, it were better to write it *Groundsel-tree*. *Yellow wood* is the name of *Cladrastis*, rather than of *Symplocos*, which the Carolinians call *Horse-Sugar*. Dr. Curtis can coin a name upon occasion; for surely nobody in Carolina knows *Menziesia globularis* as *False Heath*, nor has it any scientific claim to this appellation. While in critical mood we may express a strong dissent from the proposition that *Rhododendron punctatum* is too inferior to the other two species "to attract or deserve much attention." With us, it is surpassingly beautiful in cultivation, none the less so because its habit is so different, having light and pendent branches, when well grown forming broad and thick masses, and loaded with its handsome rose-colored blossoms. While *Leucothoë Catesbæi* is called "a very pretty shrub," the far handsomer *Andromeda floribunda*, so much prized by our nurserymen, gets no commendation. *Magnolia Fraseri* may not only be "cultivated in the open air near Philadelphia," but is perfectly hardy near Boston, and the earliest to blossom; but we never noticed the fragrance of the flow-

ers. On the other hand, as it is native as far south as Florid thrive in plantations any where in North Carolina. The flow *cordata* are described as if larger than those of *M. Fraseri*, the contrary; we could hardly say much for their beauty, exce parison with those of the common Cucumber-tree. *Prunus* is omitted; yet surely it is not wanting in North Carolina. An most an excess of conscientiousness to leave out *Cladrastis*, the est tree of the country, all things considered, when it is known only a few rods over the Tennessee line.

On the other hand, we are disposed to doubt if the genuin *Spruce*, (*Abies alba*,) occurs in North Carolina. At length we k tree, but only in Canada and parts adjacent. It is more, instead northern in its range than *A. nigra*. But since President Whe pretty nearly determined the existence of *A. Fraseri* on the Gree tains in Vermont, we could not deny that *A. alba* grows with t on the high mountains of North Carolina. We make our little c freely,—as we know the excellent author would wish,—for we likely that this part of the Report will pass to a second edition, we hope it will be largely augmented.

2. *Thwaites, Enumeratio Plantarum Zeylanicæ*, Parts I. II. 160. 1858–1859.—A complete enumeration of the known plants lon, with characters of new or little known genera and species, a merous descriptions and critical remarks, the synonymy, &c., ela by Dr. Hooker. These two published parts extend from *Ranunc* to *Compositæ;* so that a good-sized volume will complete the wor constitute an important adjunct to the great Indian Flora.

3. *Walpers, Annales Botanices Systematicæ*, continued by Dr. C LER, Berol.—Five parts of the fifth volume are published, extend page 800, and to the order *Coniferæ*.

4. *Bueck, Index ad De Cand. Prodromum, etc.* Pars III. Han 1859. pp. 506.—This useful Index to De Candolle's Prodromus is continued from the second part of the seventh to the thirteenth vo As we may expect that at no distant period the Prodromus will be t nated, as announced, we trust that the next Index will combine the w into one continuous alphabetical list. A.

5. *Synopsis Methodica Lichenum omnium hucusque cognitorum, missa introductione lingua Gallica tractata, scripsit* WILLIAM NYLAN Fasciculus II, Parisiis ex typis L. Martinet via dicta Mignon, 2, 1860. pp. 141–430.—We are glad to welcome another portion of the import work of Dr. Nylander, which is indispensable to every Botanical libra Beginning with the *Caliciei*, the present part embraces the *Bæomycei*, *Cladonici*, the *Usneei*, and the *Parmeliei*, ending with the genus *Phys* The higher tribes of Lichens are by no means the least difficult, and thing in the part before us is more acceptable than the author's elabo tion of the genus *Sticta;*—disposed by him in *Sticta*, *Stictina*, and *Ri solia*. The last general synopsis of Lichens, that of Acharius, was pu lished nearly fifty years ago, and the vast amount of valuable matter, sca tered in many publications, which has since been accumulating, has lon needed to be brought together in one work. This Dr. Nylander propo ses to accomplish, adding also the results of his investigation of all th

most important collections; and disposing the whole in a system, which, while it aims to retain all that was most valuable in the old, gives us, as it should, the whole light of modern (microscopical) science upon both old and new. We have only room to add here that "*Usnea lacunosa, Willd.*," is a name found only in Willdenow's herbarium, and was anticipated in print by *U. cavernosa*, published by the present writer, in the appendix to Agassiz's tour to Lake Superior. Messrs. Westermann and Company of New York, will receive subscriptions to the synopsis, which is put at a moderate price for so handsome a book. E. T.

6. *Reports of Explorations and Surveys* to ascertain the most practicable and economical route for a Railroad from the Mississippi River to the Pacific Ocean, made under the direction of the Secretary of War, in 1853–6, &c., vol. x. Washington, 1859.—FISHES; by CHARLES GIRARD, M.D. Washington, D. C., 1858.

Of recent contributions to our knowledge of special Faunas, none have been of greater importance or interest than the report on the Fishes of Western North America. In this volume, Dr. Girard has incorporated almost everything known to the date of publication concerning the Ichthyology of our Pacific possessions.

In the introductory remarks, (which with some variations, are duplicated) a general view is given of the Piscine Fauna of Western North America. The families which are richest in genera and species, and which are most characteristic of the Californian Fauna especially, are those of the Cataphracti, the Blennoids, the Embiotocoids, and the Pleuronectoids. Of all these families, many new genera, previously indicated in the "Proceedings of the Academy of Natural Science of Philadelphia," are described and illustrated.

The classification of the late Johannes Muller is adopted, and the orders, suborders and families of which representatives are described, are all characterized; the genus *Amblodon*, however, is retained in the family of Sciænoids; this should in strict accordance with the principles of that classification, be transferred to the order of Pharyngognathi. Agassiz has demonstrated the union of the lower pharyngeal bones, the only character on which the order depends. Dr. Girard does not appear to have noticed this discovery as he has not adverted to it in the generic diagnosis of *Amblodon*.

Of the family of Percoids, representatives of only one genus are yet known as inhabitants of the Pacific coast. This genus has been described as new under the name of *Paralabrax*, and includes two species, both of which had been first referred to *Labrax* in the Proceedings of the Academy. It is here placed in the vicinity of *Serranus*.

Many fresh water Percoids are described, belonging to the genera *Dioplites* Raf., *Pomoxis* Raf., *Ambloplites* Raf., *Calliurus* Raf., *Bryttus* Val., *Pomotis* Raf., *Labrax* Cuv., and *Stizostedion* Raf. The species described have been collected in many distant places west of the Mississippi river, but one species (*Ambloplites interruptus*) having been obtained in California.

The name of *Dioplites* has been substituted for *Grystes* of Cuvier. It would by many have been deemed more proper to have applied Rafinesque's generic name of *Lepomis*. Rafinesque in his "Ichthyologia Ohi-

ensis" has characterized the genus *Lepomis* and divided it into two s
genera, *Aplites* and *Dioplites*, giving at the same time, to each of t
species, the generic name of *Lepomis*—*Aplites* and *Dioplites* having b
separated in consequence of an error of observation, and not differ
from each other, cannot be retained—*Lepomis* must be therefore used,
it should have been for one of the genera or subgenera, if both had b
established on true principles. *Dioplites* is restricted by Dr. Girard to t
species without teeth on the tongue.

The Cuvieran section of "Percoids a Joues cuuirassés" is retained as
"tribe" under the name of Cataphracti, and is divided into three fam
lies, *Heterolepidæ*, *Cottidæ*, *Scorpænidæ*. Perhaps the families so indic
ted are valid, but the characters given to them are vague and will requi
revision after a comparative study of the foreign genera.

The family called Heterolepidæ had been previously named by Swai
son Chiridæ, and that name should have been retained, as well on accou
of its priority, as its consonance with the terminology of the othe
families.

In the family of Cottoids, the species are distributed into ten genera, al
of which appear to be founded on good characters, but the names of some
of which are objectionable.

Among the Salmonoids, the three genera of Valenciennes, *Salmo*, *Fa-
rio* and *Salar* are accepted, but we notice that Dr. Girard has named
all the new species he describes as belonging to those genera, Salmo—
"*Grd. MSS.*" in the synonymical lists of the species.

In the family of Clupeoids, the modifications of Valenciennes have not
been adopted, and the genus *Hyodon* is interposed between *Meletta* Val.
and *Engraulis*.

The genus *Anarrhichthys* of Ayres is adopted; its only species is called
Anarrhichthys felis Girard. To this name we desire to draw the atten-
tion of our readers, as an important question of nomenclature is involved.

In the "Proceedings of the Academy of Natural Sciences of Philadel-
phia" for 1854, Dr. Girard mentions a fish which he calls *Anarrhicas
felis*, and observes that two large specimens were received in such a preca-
rious state of preservation that there was no probability of keeping them,
and that having mislaid the notes, *no diagnosis could be given*.

Subsequently, Mr. Ayres, in the Proceedings of the Californian Acade-
my, gave a full description of a species which he referred to a new genus
and called *Anarrhichthys ocellatus*, which was chiefly distinguished from
Anarrhicas by its anguilliform body, and the union of the dorsal, caudal,
and anal fins. This is the species that Dr. Girard has claimed as his own
Anarrhicas felis.

To this reference we would remark that as *Anarrhicas* has by all
modern naturalists, been restricted to such species as had the dorsal and
anal fins separated from the caudal, we would infer that any species
placed without comment in the genus would have those characters. Dr.
Girard's name of *Anarrhicas felis* was not only without any description
whatever and therefore not established, but a statement by implication
was made that the species possessed the stout body and fins of *Anarrhicas*,
and was consequently in direct opposition to the characters of *Anarrhich-
thys ocellatus*. Such being the case, Dr. Girard's name cannot be adopted,
and that of Ayres must be retained.

GEOLOGICAL AND NATURAL HISTORY SURVEY

OF

NORTH CAROLINA.

PART III,

BOTANY;

CONTAINING A CATALOGUE OF THE INDIGENOUS AND NATURALIZED PLANTS OF THE STATE,

BY

REV. M. A. CURTIS, D. D., F. A. A. A. S., &c., &c.

RALEIGH:

PRINTED AT N. C. INSTITUTION FOR THE DEAF AND DUMB AND THE BLIND.

1867.

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To His Excellency, JONATHAN WORTH,
Governor of North Carolina:

SIR:—The following Catalogue of the Plants of North Carolina is alluded to in the letter of Prof. Emmons to Gov. Ellis, printed in the introductory portion of my Report on the Woody Plants of the State, which this was intended to accompany. The printing of it at that time was, however, prevented by more important matters of national interest that were then occupying the public mind. It gives me pleasure now to submit the Report to your consideration, not only because I desire to secure a permanent record of observations and discoveries made through a period of about twenty-five years, but on account of the interest it should have among Scientists as determining the localities and range of our vegetation, and as being much the most extensive local list of Plants ever published in North America.

The extent of this list is not due to the greater amount of our vegetation, though there are very few States that contain a greater number or richer variety of species, but to the fact that more attention has been given in this State than elsewhere to the investigation of the lower Orders, or Flowerless Plants, and especially of the Fungi. The accomplished Dr. Schweinitz, while a resident at Salem, paid great attention to these obscure forms, and was the pioneer of Cryptogamic Botany in America. It will be seen, in the frequent reference to his name in my list of these Plants, how much we are indebted to him for a knowledge of these species, many of which have not been detected by others.

But large as is the following list, comprising over forty-eight hundred species, it is not offered as a complete enumeration of all the plants growing in the State. It is only a record of what have been thus far discovered. Of our Flowering Plants probably very few have escaped notice; but of the Flowerless kinds doubtless many more remain to reward the researches of future observers. We may confidently assume that the actual number of Plants indigenous to North Carolina exceeds five thousand species.

Hoping this contribution to a knowledge of the Natural History of our State will prove acceptable to yourself and the public generally, I remain

Yours, very respectfully,

M. A. CURTIS.

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FLOWERING PLANTS.

CLASS I. EXOGENOUS PLANTS.

RANUNCULACEÆ.

Atragene Americana, Sims.—In the Upper District.

Clematis ochroleuca, Ait. (Dwarf Clematis.)—Mid. and Up. Dist.

ovata, Pursh.—Up. Dist.

Viorna, Linn. (Leather Flower.)—Mid. and Up. Dist.

crispa, Linn. (Blue Jessamine.)—Low. Dist.

Virginiana, L. (Virgin's Bower.)—Mid. and Up. Dist.; rare in the Lower.

Anemone nemorosa, L. (Wood Anemone.)—Up. Dist. (*Silas McDowell, Esq.*)

Caroliniana, Walt. (Carolina Anemone.)—Up. Dist. (*Schweinitz.*)

Virginiana, L. (Virginia Anemone.)—Common in all the Districts.

Hepatica triloba, Chaix. (Liver Leaf.)—Rocky Hills of Mid. Dist.

Thalictrum dioicum, L. (Early Meadow Rue.)—In the Mountains.

Cornuti, L. (Meadow Rue.)—In all the Districts.

clavatum, D. C. (Slender Meadow Rue.)—Sources of all the mountain streams.

nudicaule, Schwein.—On the Yadkin River. (*Schweinitz.*)

anemonoides, Michx. (Rue Anemone.)—Lower and Mid. Dist.

Trautvetteria palmata, F. & M.—Along mountain streams.

Ranunculus aquatilis, L. (White Water-Crowfoot.)—Upper Dist.

parviflorus, L. (Small flowered Crowfoot.)—Low. and Mid. Dist.

alismæfolius, Geyer. (Spearwort.) Up. Dist.

pusillus, Poir. (Dwarf Crowfoot.)—Low. and Mid. Dist.

RANUNCULUS abortivus, L. (Smooth Crowfoot.—Low. and Mid. Dist.
recurvatus, Poir. (Rough Crowfoot.)—Low. and Mid. Dist.
sceleratus, L. (Biting Crowfoot.)—Low. Dist.
Pennsylvanicus, L. (Bristly Crowfoot.)—Mid. Dist.
Purshii, Richn. (Yellow Water Crowfoot.)—Middle Dist., in shallow water.
repens, L. (Creeping Crowfoot.)—In all the Districts.
" var. hispidus.—Mid. Dist.
" var. nitidus.—Low. Dist.
palmatus, Ell.—Low. Dist.
bulbosus, L. (Buttercups.)—Low. Dist.

AQUILEGIA Canadensis, L. (Columbine.)—Hills of Mid. and Up. Dist.; rare in the Lower.

DELPHINIUM azureum, Michx. (Blue Larkspur.)—Up. Dist.
tricorne, Michx. (Dwarf Larkspur.)—Mountains. (*Michaux.*) Halifax. (*T. B. Hill.*)
exaltatum, Ait. (Tall Larkspur.)—Mountains. (*Michaux.*)
Consolida, L. (Garden Larkspur.)—Mid. Dist.

ACONITUM uncinatum, L. (Monk's Hood. Wolf's Bane.)—Mid. and Up. Dist.
reclinatum, Gray. (Trailing Monk's Hood.)—On the mountains of Ashe and Yancey.

ZANTHORHIZA apiifolia, L'Her. (Yellow Root.)—Hills in the Mid. and Up. Dist.

HYDRASTIS Canadensis, L. (Orange Root, Yellow Puccoon.)—Mountains.

ACTÆA alba, Bigel. (Baneberry.)—Mountains.

CIMICIFUGA racemosa, Ell. (Rattle Top.)—Mid. and Up. Dist.
cordifolia, Pursh. (Heart-leaved Rattle Top.)—Mountains. (*Prof. Gray.*)
Americana, Michx. (Mountain Rattle Top.)—Mountains.

MAGNOLIACEÆ.

MAGNOLIA grandiflora, L. (Magnolia.)—Brunswick Co.
glauca, L. (Sweet Bay.)—Low. and Mid. Dist.
Umbrella, Lam. (Umbrella Tree.)—In all the Districts.
acuminata, L. (Cucumber Tree.)—Mountains.

Magnolia cordata, Michx. (Heart-leaved Cucumber Tree.)—Mountains.
Fraseri, Walt. (Long-leaved Cucumber Tree.)—Mountains.
macrophylla, Michx. (Large-leaved Umbrella Tree.)—Lincoln Co.
Liriodendron Tulipifera, L. (Tulip Tree. Poplar.)—In all the Districts.

ANONACEÆ.

Asimina triloba, Dunal. (Papaw.)—Mid. Dist.
parviflora, Dunal. (Dwarf Papaw.)—All the Districts.

MENISPERMACEÆ.

Menispermum Canadense, L. (Moonseed.)—Low., Mid. and Up. Dist.
Cocculus Carolinus, D. C. (Red-berried Moonseed.)—Low. and Mid. Dist.

BERBERIDACEÆ.

Berberis Canadensis, Pursh. (Barberry.)—From Lincoln to Macon County.
Caulophyllum thalictroides, Michx. (Pappoose Root.)—Mountains.
Diphylleia cymosa, Michx. (Umbrella Leaf.)—Mountains.
Podophyllum peltatum, L. (May Apple.)—All the Districts.

NELUMBIACEÆ.

Nelumbium luteum, Willd. (Water Chinquapin. Duck Acorn.)—Lower District.

CABOMBACEÆ.

Cabomba Caroliniana, Gray.—Lower District.
Brasenia peltata, Pursh. (Water Shield.)—Lower District.

NYMPHÆACEÆ.

Nymphæa odorata, Ait. (Pond Lily. Bonnets.)—Lower Dist.
Nuphar advena, Ait. (Yellow Water Lily.)—Low., Mid. and Up. Dist.
sagittæfolia, Pursh.—Lower Dist.

SARRACENIACEÆ.

Sarracenia purpurea, L. (Pitcher Plant.)—Low. and Mid. Dist.
rubra, Walt. (Red-flowered Trumpet Leaf.)—Henderson Co.

SARRACENIA flava, L. (Trumpets. Watches.)—Low. and Mid. Dist.
variolaris, Michx. (Spotted Trumpet Leaf.)—South-eastern part of the State.

PAPAVERACEÆ.

ARGEMONE *Mexicana*, L. (Mexican Poppy.)—Low. Dist.
SANGUINARIA Canadensis, L. (Blood Root. Puccoon.)—Common through the State.
PAPAVER *dubium*, (Com. Poppy.)—Cultivated fields in Low. Dist.

FUMARIACEÆ.

ADLUMIA cirrhosa, Raf.—On the French Broad River.
DICENTRA Cucullaria, D. C. (Dutchman's Breeches.)—Mountains.
eximia, D. C. (Bleeding Heart.) French Broad River. (*Buckley.*)
CORYDALIS aurea, Willd.—Low. Dist.
glauca, Pursh.—Mountains.

CRUCIFERÆ.

NASTURTIUM tanacetifolium, Hook. & Arn.—Low. Dist.
palustre, D. C. (Marsh Cress.)—Low. Dist.
lacustre, Gray. (Lake Cress.)—Mid. Dist.
officinale, R. Br. (Water Cress).—throughout the State.
CARDAMINE rhomboidea, D. C. (Spring Cress.)—Low. Dist.
rotundifolia, D. C. (Round-leaved Cress.)—Mountains.
spathulata, Michx.—Mountains. (*Michaux.*)
hirsuta, L. (Bitter Cress.)—Low. Dist.
Ludoviciana, Hook.—Mid. Dist.? (*Prof. Mitchell.*)
DENTARIA diphylla, Michx. (Pepper Root.)—Mountains.
laciniata, Muhl.—Mid. and Up. Dist.
heterophylla, Nutt.—Mountains. (*Buckley.*)
multifida, Muhl.—Mid. Dist.? (*Schweinitz.*)
ARABIS lyrata, L. (Rock Cress.)—Phœnix Mt. (*Prof. Gray.*)
Canadensis, L. (Sickle Pod.)—Mid. and Up. Dist.
lævigata, D. C.—Mid. and Up. Dist.
BARBAREA *præcox*, R. Br. (Bermuda Cress, Scurvy Grass.) Orange Co.
SISYMBRIUM *Thaliana*, Gaud. (Mouse-ear Cress.) Lower and Mid. Dist.

Sisymbrium canescens, Nutt. (Tansy Mustard.)—Lower and Mid. Dist.
officinale, Scop. (Hedge Mustard.)—Do.
Draba Caroliniana, Walt.—Low. and Mid. Dist.
ramosissima, Desv.—Buncombe Co. (*Buckley.*)
verna, L. (Whitlow Grass.)—Low. and Mid. Dist.
Camelina *sativa*, Crantz. (False Flax.)—N. Hanover, in cultivated fields. (*Dr. McRee.*)
Senebiera pinnatifida, D. C. (Wart Cress, Swine Cress.)—Low. and Mid. Dist.
Lepidium Virginicum, L. (Wild Peppergrass.)—Do.
Capsella *Bursa-pastoris*, Mœnch. (Shepherd's Purse.)—Common.
Cakile maritima, Scop. (Sea Kale.)—On the Sea beach.

CAPPARIDACEÆ.

Gynandropsis pentaphylla, D. C.—Waste grounds near Wilmington. (*Dr. McRee.*)

VIOLACEÆ.

Viola cucullata, Ait. (Blue Violet.)—Common.
palmata, L. (Hand-leaf Violet)—Do.
villosa, Walt. (Hairy Violet.)—Low. and Mid. Dist.
sagittata, Ait. (Arrow-leaf Violet.)—Mid. Dist.
pedata, L. (Bird-foot Violet.)—Low. and Mid. Dist.
primulaefolia, L. (Primrose-leaved Violet.)—Do.
lanceolata, L. (Lance-leaved Violet.)—Do.
blanda, Willd. (Sweet White Violet.)—Mid. Dist.
rotundifolia, Michx. (Round-leaf Violet.)—Mountains.
striata, Ait. (Pale Violet.)—Mid. Dist.
Canadensis, L. (Canada Violet.)—Mountains.
hastata, Michx. (Spear-leaved Violet.)—Do.
pubescens, Ait. (Yellow Violet.)—Mid. and Up. Dist.
tricolor, L. var. arvensis, D. C. (Wild Pansy.)—All the Districts. Not very common.
Solea concolor, Ging. (Green Violet.)—Mid. and Up. Dist. Rare.

CISTACEÆ.

Helianthemum Carolinianum, Michx. (Rock Rose.)—Low and Mid Dist.
corymbosum, Michx.—Low. Dist.
Canadense, Michx. (Frost-weed.)—Low. Dist.

Lechea major, Michx. (Pin-weed.)—Low. and Mid. Dist.
minor, Lam.—Do.
Hudsonia montana, Nutt.—Table Rock, Burke Co.

DROSERACEÆ.

Drosera filiformis, Raf. (Thread-leaved Sundew.)—Low. Dist.
longifolia, L. (Long-leaved Sundew.)—Do.
rotundifolia, L. (Round-leaved Sundew.)—All the Districts.
brevifolia, Pursh. (Short-leaved Sundew.)—Low. and Mid. Dist.
Dionæa muscipula, Ellis. (Fly Trap.)—Low. Dist.

PARNASSIACEÆ.

Parnassia Caroliniana, Michx. (Grass of Parnassus.)—In all the Districts.
asarifolia, Vent.—Yancey to Haywood.

HYPERICACEÆ.

Hypericum prolificum, L. (Rock Rose.)—In all the Districts, especially in the Upper.
Buckleyi, M. A. C.—Mountains south of French Broad River.
perforatum, L. (St. John's Wort.)—Mid. Dist.
maculatum, Walt.—Low. and Mid. Dist.
corymbosum, Muhl.—All the Districts.
fasciculatum, Lam.—Low. and Mid. Dist.
galioides, Lam.—Low. Dist.
nudiflorum, Michx.—Low. and Mid. Dist.
graveolens, Buckl.—Southern Mountains.
pilosum, Walt.—Low. and Mid. Dist.
angulosum, Michx.—Mid. Dist.
mutilum, L.—Low. and Mid. Dist.
Canadense, L.—All the Districts.
Sarothra, Michx. (Ground Pine.)—Coast to Cherokee.
Ascyrum Crux-Andreæ, L. (St. Peter's Wort.)—Common.
stans, Michx.—Common.
Elodea Virginica, Nutt. (Marsh John's Wort.)—Low. Dist.
petiolata, Pursh.—All the Districts.

PORTULACACEÆ.

Portulaca *oleracea*, L. (Purslane.)—Common in cultivated grounds.

Talinum teretifolium, Pursh.—Rocky hills of Mid. and Up. Dist.
Claytonia Virginica, L. (Spring Beauty.)—Low. and Mid. Dist.
Caroliniana, Michx.—Mountains.
Sesuvium pentandrum, Ell. (Sea Purslane.)—Saline marshes.
portulacastrum, L.—Do.

CARYOPHYLLACEÆ.

Paronychia dichotoma, Nutt.—Mountains.
argyrocoma, Nutt.—Do.
herniariodes, Nutt.—Low. Dist.
Anychia dichotoma, Michx.—All the Districts.
Stipulicida setacea, Michx.—Low. Dist.
Spergularia rubra, Pers. (Sand Spurrey.)—Sea-coast.
Spergula *arvensis*, L. (Pine Cheat. Corn Spurrey.)—Fields in Up. Dist.
Mollugo verticillata, L. (Indian Chickweed.)—Common in cultivated grounds.
Sagina Elliottii, Fenzl.—Low. and Mid. Dist.
Alsine squarrosa, Fenzl. (Barrens Sandwort.)—Low. Dist.
glabra, Gray.—On rocky mountains.
Michauxii, Fenzl.—Mid. and Up. Dist.
Arenaria diffusa, Ell.—Low. Dist.
serpyllifolia, L. (Sandwort.)—Low. and Mid. Dist.
Stellaria pubera, Michx. (Star Chickweed.)—Mid. and Up. Dist.
media, Smith. (Chickweed.)—Common in cultivated lands.
uniflora, Walt.—Low. Dist.
Cerastium *vulgatum*, L. (Mouse-ear Chickweed.)—Common.
viscosum, L.—Common.
arvense, L.—Mid. and Up. Dist.
nutans, Raf.—Up. Dist.
Silene stellata, Ait. (Star Campion. Thermon Snake-root.)—Up. Dist.
ovata, Pursh.—Mountains.
Virginica, L. (Indian Pink.)—Common.
Pennsylvanica, Michx.—Low. and Mid. Dist.
Antirrhina, L. (Catchfly.)—Common.
Saponaria *officinalis*, L. (Soapwort. Bouncing Bet.)—Waste grounds.

AGROSTEMMA *Githago*, L. (Cockle.)—In fields of Grain.

MALVACEÆ.

MALVA *rotundifolia*, L. (Mallow.)—Common in waste grounds.
CALLIRRHOE triangulata, Gray.—Lincoln Co. (*Dr. Hunter.*)
SIDA *spinosa*, L.—Common about settlements.
rhombifolia, L.—Burke Co. Also near Newbern. (*Croom.*)
Elliottii, Tor. & Gr.—Low. Dist.
ABUTILON *Avicennæ*, Gært. (Velvet Leaf.)—Rather common.
MODIOLA multifida, Mœnch.—Low. Dist. Rare.
KOSTELETZKYA Virginica, Presl.—Low. Dist.
HIBISCUS aculeatus, Walt.—Do.
Moscheutos, L. (Swamp Mallow.)—Throughout the State.
militaris, Cav. (Rose Mallow.)—Low. Dist.

TILIACEÆ.

TILIA Americana, L. (Linn or Lime Tree.)—Mid. and Up. Dist:
pubescens, Ait. (Southern Linn.)—Low. Dist.
heterophylla, Vent. (White Linn.)—All the Districts.
CORCHORUS *siliquosus*, L.—Bath. Apparently introduced.

CAMELLIACEAE.

GORDONIA Lasianthus, L. (Loblolly Bay. Black Laurel.)—Low. Dist.
STUARTIA Virginica, Cav.—Low. Dist.
pentagyna, L'Her.—Mid. and Up. Dist.

MELIACEÆ.

MELIA *Azedarach*, L. (China Tree.)—A common shade tree in the Low. Dist.

LINACEÆ.

LINUM Virginianum, L. (Wild Flax.)—Common.
Boottii, Planch.—Pine woods of Low. and Mid. Dist.

OXALIDACEÆ.

OXALIS stricta, L. (Yellow Wood-Sorrell.)—Common.
Acetosella, L. (White Wood-Sorrell.)—Mountains.
violacea, L. (Purple Wood-Sorrell.)—Mid. and. Up. Dist.

ZYGOPHYLLACEÆ.

TRIBULUS *cistoides*, L.—Waste ground near Wilmington.—(*Dr. McRee.*)

GERANIACEÆ.

GERANIUM maculatum. L. (Cranesbill.)—Mid. and Up. Dist.
Carolinianum, L.—Common.

BALSAMINACEÆ.

IMPATIENS pallida, Nutt. (Touch me not.)—Mountains.
fulva, Nutt. (Jewell Weed.)—Low. and Mid. Dist.

RUTACEÆ.

ZANTHOXYLUM Carolinianum, Lam. (Prickly Ash, Toothache Tree.) Low. Dist.

PTELEA trifoliata, L. (Hop Tree. Wafer Ash.)—Low. and Mid. Dist.
mollis, M. A. C.—Low. Dist.

ANACARDIACEÆ.

RHUS typhina, L. (Staghorn Sumach.)—Up. Dist.
glabra, L. (Smooth Sumach.)—Mid. and Up. Dist.
copallina, L. (Common Sumach.)—Common.
pumila, Michx. (Dwarf Sumach.)—Low. and Mid. Dist.
venenata, D. C. (Poison Sumach.)—All the Districts.
Toxicodendron, L. (Poison Oak.)—Do.
radicans, L. (Poison Vine.)—Do.

VITACEÆ.

VITIS Labrusca, L. (Fox Grape.)—Low. and Mid. Dist.
æstivalis, Michx, (Summer Grape.)—Common.
vulpina, L. (Muscadine.)—Do.
cordifolia, Michx. (Frost Grape.)—Mid. and Low. Dist.
bipinnata, Tor. & Gr.—Do.
AMPELOPSIS quinquefolia, Michx. (Virginia Creeper.)—Common.

RHAMNACEÆ.

FRANGULA Caroliniana, Gray.—All the Districts.
BERCHEMIA volubilis, D. C. (Rattan. Supple Jack.)—Low. Dist.
SAGERETIA Michauxii, Brongn.—Sea-coast.
CEANOTHUS Americanus, L. (Red Root. Jersey Tea.)—Common.

CELASTRACEÆ.

CELASTRUS scandens, L. (Wax-work. Bitter-sweet.)—Lincoln Co.
EUONYMUS Americanus, L. (Strawberry Bush. Bursting Heart. Fishwood.)—Common.
atropurpureus, Jacq. (Burning Bush.)—(*Prof. Mitchell.*)

STAPHYLEACEÆ.

STAPHYLEA trifolia, L. (Bladder Nut.)—Mid. Dist.

SAPINDACEÆ.

Aesculus Pavia, L. (Red Buckeye.)—Low. and Mid. Dist.
flava, Ait. (Yellow Buckeye.)—Mid. and Up. Dist.

ACERACEÆ.

Acer rubrum, L. (Red Maple.)—Common.
dasycarpum, Ehrh, (Silver Maple.)—Mountains.
saccharinum, Wang. (Sugar Maple.)—All the Districts.
spicatum, Lam. (Mountain Maple.)—Mountains,
Pennsylvanicum, L. (Striped Maple.)—Mountains.
Negundo aceroides, Mœnch. (Ash-leaved Maple.)—All the Districts, chiefly in the Middle.

POLYGALACEÆ.

Polygala cymosa, Walt.—Low. Dist.
ramosa, Ell.—Do.
lutea, L. (Bachelor's Button.)—Low. and Mid. Dist.
sanguinea, L.—Mid. and Up. Dist.
fastigiata, Nutt.—Low. Dist.
Nuttallii, Carey.—Low. and Mid. Dist.
incarnata, L.—Common.
setacea, Michx.—Low. Dist.
cruciata, L.—Common.
brevifolia, Nutt.—Low. Dist.
grandiflora, Walt.—Do.
polygama, Walt.—Do.
Senega, L. (Seneca Snake-Root.)—Mid. Dist.
verticillata, L.—Low. and Mid. Dist.
paucifolia, L.—Mountains.

LEGUMINOSAE.

Crotalaria sagittalis, L. (Rattle box.)—Common.
ovalis, Pursh.—Low. and Mid. Dist.
Purshii, D. C.—Low. Dist.
Lupinus perennis, L. (Lupine.)—Low. and Mid. Dist.
villosus, Willd.—Low. Dist.
diffusus, Nutt.—Do.
Trifolium *pratense*, L. (Red Clover.)—Common.
repens, L. (White Clover.)—Do.
Carolinianum, Michx. (Carolina Clover.)—Low. Dist.
reflexum, L. (Buffalo Clover.)—Low. and Mid. Dist.

TRIFOLIUM *arvense*, L. (Rabbit-foot Clover.)—Common in old fields.
procumbens, L. (Yellow Clover.)—Low. and Mid. Dist.
MEDICAGO *lupulina*, L. (Hop Medick.)—Common in grass plats.
MELILOTUS *officinalis*, Willd. (Yellow Melilot.)—Occasionally naturalized about settlements.
alba, Lam. (White Melilot.)—Do.
HOSACKIA Purshiana, Benth.—Mecklenburg Co.
PSORALEA melicotoides, Michx.—Low. and Mid. Dist.
canescens, Michx. (Buck Root.)—Low. Dist.
Lupinellus, Michx.—Do.
PETALOSTEMON corymbosum, Michx.—Do.
AMORPHA fruticosa, L. (Indigo Bush.)—Common.
herbacea, Walt.—Low. Dist.
ROBINIA Pseudacacia, L. (Locust.)—Mountains and upper part of Mid. Dist.
viscosa, Vent. (Clammy Locust.)—Mountains south of the French Broad.
hispida, L. (Rose Locust.)—Hills of Mid. and Up. Dist.
" var. nana, Ell.—Pine Barrens of Low. Dist.
WISTARIA frutescens, D. C. (Virgin's Bower.)—Low. Dist.
TEPHROSIA Virginiana, Pers. (Rabbit Pea.)—Common.
spicata, Tor. & Gr.—Low. and Mid. Dist.
hispidula, Pursh.—Common.
ambigua. M. A. C.—Low. Dist.
INDIGOFERA Caroliniana, Walt. (Carolina Indigo.)—Low. Dist.
ASTRAGALUS Canadensis, L.—Lincoln to Cherokee.
glaber, Michx.—Low. Dist.
obcordatus, Ell.—Low. Dist. (*Mr. Croom.*)
VICIA *sativa*, L. (Vetch.)—Low. Dist.
hirsuta, Koch.—Low. and Mid. Dist.
Caroliniana, Walt.—Mountains.
tetrasperma, Loisel.—Low. Dist.
LATHYRUS venosus, Muhl.—French Broad River. (*Buckley.*)
myrtifolius, Muhl.—Low. Dist.
AESCHYNOMENE hispida, Willd.—Low. Dist.
ZORNIA tetraphylla, Michx.—Do.
STYLOSANTHES elatior, Swartz. (Pencil Flower.)—Common.
LESPEDEZA repens, Tor. & Gr.—Common.
violacea, Pers.—Do.
3 striata, Hook. & Arn. — Mid.

LESPEDEZA violacea, var. sessiliflora.—Do.
Stuvei, Nutt.—Low. Dist.
hirta, Ell.—Common.
capitata, Michx.—Do.

DESMODIUM acuminatum, D. C. (Beggar Ticks.)—Up. Dist.
nudiflorum, D. C.—Common.
canescens, D. C.—Mid. and Up. Dist.
cuspidatum, Tor. & Gr.—Low. Dist.
viridiflorum, Beck.—Common.
rotundifolium, D. C.—Do.
ochroleucum, M. A. C.—Low. Dist.
Canadense, D. C.—Mid. and Up. Dist.
Dillenii, Darl.—Low. Dist.
glabellum, D. C.—Low. and Mid. Dist.
lævigatum, D. C.—Do.
paniculatum, D. C.—Common.
tenuifolium, Tor. & Gr.—Low. and Mid. Dist.
strictum, D. C.—Low. Dist.
Marilandicum, Boott.—Common.
ciliare, D. C.—Common.
rigidum, D. C.—Do.
lineatum, D. C.—Low. Dist.

RHYNCHOSIA tomentosa, Tor. & Gr.—Low. and Mid. Dist.
" var. monophylla, T. & G.—Low. Dist.
" var. erecta, T. & G.—Low. and Mid. Dist.
" var. volubilis, T. & Gr.—Low. Dist.

APIOS tuberosa, Mœnch. (Ground Nut.)—Common.

PHASEOLUS perennis, Walt. (Wild Bean.)—Do.
diversifolius, Pers.—Low. Dist.
helvolus, L.—Sea-coast to the Mountains.

ERYTHRINA herbacea, L.—Low. Dist.

CLITORIA Mariana, L.—Coast to Cherokee.

CENTROSEMA Virginiana, Benth.—Do.

AMPHICARPÆA monoica, Nutt. (Pea Vine.)—Common, especially in the mountains.

GALACTIA pilosa, Ell. (Milk Pea.)—Low. and Mid. Dist.
mollis, Michx.—Do.
glabella, Michx.—Do.
sessiliflora, Tor. & Gr.—Cumberland Co.

BAPTISIA lanceolata, Ell.—Low. Dist.

BAPTISIA villosa, Ell.—Do.
tinctoria, R. Br. (Wild Indigo.)—Common.
alba, R. Br.—Common.
THERMOPSIS Caroliniana, M. A. C.—Haywood to Cherokee.
fraxinifolia, M. A. C.—Table Mountain.
mollis, M. A. C.—Wake to Lincoln and Gaston Counties.
CERCIS Canadensis, L. (Red Bud.)—Low. and Mid. Dist.
CASSIA *occidentalis*, L.—Low. Dist.
obtusifolia, L.—All the Districts.
Marilandica, L. (Wild Senna.)—Common.
Chamæcrista, L.—Coast to Cherokee.
nictitans, L.—Do.
GLEDITSCHIA triacanthos, L. (Honey Locust.)—All the Districts.
GYMNOCLADUS *Canadensis*, Lam. (Coffee Tree.)—Mid. Dist., partially naturalized.
SCHRANKIA angustata, Tor. & Gr. (Sensitive Plant.)—Low. and Mid. Dist.
angustata, var. brachycarpa, Chapm.—Do.

ROSACEÆ.

PRUNUS Americana, Marsh. (Red Plum.)—Coast to Cherokee.
Chicasa, Michx. (Chickasaw Plum.)—Common about settlements.
spinosa, L.? (Sloe.)—Lincoln Co. (*Dr. Hunter.*)
Pennsylvanica, L. (Wild Red Cherry.)—High mountains.
serotina, Ehrh. (Wild Cherry.)—Common.
Caroliniana, Ait. (Mock Orange.)—Sea-coast of Brunswick County.
SPIRÆA opulifolia, L. (Nine Bark.)—Western part of the State.
tomentosa, L. (Hardhack.)—Coast to the mountains.
salicifolia, L. (Queen of the Meadow.)—Mid. and Up. Dist.
lobata, Murr. (Queen of the Prairie.)—Mountains south of the French Broad.
Aruncus, L. (Goat's Beard.)—Mid. and Up. Dist.
GILLENIA trifoliata, Mœnch. (Indian Physic.)—Mid. and Up. Dist.
stipulacea, Nutt. (American Ipecac.)—Do., but rare.
AGRIMONIA Eupatoria, L. (Feverfew.)—Common.
parviflora, Ait.—Do.
SANGUISORBA Canadensis, L. (Wild Burnet.)—Mountain valleys.

ALCHEMILLA *arvensis*, L. (Parsley Piert.)—Streets of Oxford, Bath, Washington and Plymouth.

GEUM album, Gmel. (Avens.)—All the Districts.

geniculatum, Michx.—Sides of the higher mountains.

radiatum, Michx.—Tops of the higher mountains.

WALDSTEINIA fragarioides, Tratt. (Barren Strawberry.)—Mid. and Up. Dist.

POTENTILLA Norvegica, L.—Rare, in all the Districts.

Canadensis, L. (Five Finger.)—Very common.

tridentata, Ait. (Mountain Five Finger.)—Rocky summits of mountains.

FRAGARIA Virginiana, Ehrh. (Strawberry.)—All the Districts.

Indica, Ait. (Indian Strawberry.)—Low. and Mid. Dist.

RUBUS odoratus, L. (Flowering Raspberry.)—Mid. Dist.

occidentalis, L. (Purple Raspberry.)—Mid. Dist.

villosus, Ait. (High Blackberry.)—Common.

cuneifolius, Pursh, (Low Blackberry.)—Common in old fields and on road sides.

trivialis, Michx. (Dewberry.)—Common.

hispidus, L. (Swamp Blackberry.)—Swamps in the mountains.

ROSA Carolina, L. (Swamp Rose.)—Common, mostly in wet grounds.

lucida, Ehrh. (Wild, or Dwarf Rose.)—Common in dry woods.

rubiginosa, L. (Sweet Brier.)—Near settlements.

lævigata, Michx. (Cherokee Rose.)—Low. Dist.

CRATÆGUS spathulata, Michx. (Narrow-leaved Thorn.)—Low. and Mid. Dist.

flava, Ait. (Summer Haw.)—Do.

glandulosa, Michx. (Hairy Thorn.)—Common.

parvifolia, Ait. (Dwarf Thorn.)—Do.

tomentosa, Linn. (Black Thorn.)—Mid. and Up. Dist.

" var. punctata, Gray.—Tops of Mountains.

coccinea, L. (Scarlet Haw.)—Mid. and Up. Dist.

cordata, Ait. (Washington Thorn.)—Mid. Dist.

apiifolia, Michx. (Parsley-leaved Haw.)—Low. and Mid. Dist.

Crus-galli, L. (Cockspur Thorn.)—Common.

PYRUS coronaria, L. (Crab Apple.)—Vallies of the mountains.

Pyrus angustifolia, Ait. (Narrow-leaved Crab.)—Low. and Mid. Dist.
arbutifolia, L. (Chokeberry.)—Low. and Mid. Dist.
" var: melanocarpa.—Mountains.
Americana, D. C. (Mountain Sumach. Wine Tree. Mountain Ash.)—Mountains.
Amelanchier Canadensis, L. (Service Tree.)—Common.

CALYCANTHACEÆ.

Calycanthus floridus, L. (Sweet Shrub.)—Mountains.
lævigatus, Willd.—Mid. and Up. Dist.
glaucus, Willd.—From Lincoln westward.

MELASTOMACEÆ.

Rhexia Mariana, L.—Common.
" var: lanceolata.—Low. Dist.
Virginica, L.—Mid. and Up. Dist.
glabella, Michx. (Deer Grass.)—Low. Dist.
ciliosa, Michx.—Low. and Mid. Dist.
lutea, Walt.—Low. Dist.

LYTHRACEÆ.

Lythrum alatum, Pursh. (Loosestrife.)—Low. Dist.
lineare, L.—Low. Dist.
Hypobrychia Nuttallii, Tor. & Gr.—Near Lincolnton.
Ammania humilis, Michx.—Mid. Dist.
" var: ramosior.—Low. Dist.
Nesæa verticillata, H. B. & K. (Swamp Loosestrife.)—Low. Dist.
Cuphea viscosissima, Jacq.—Mid. Dist.

ONAGRACEÆ.

Gaura biennis, L.—Mid. Dist., and Buncombe to Cherokee.
angustifolia, Michx.—Low. Dist.
Oenothera biennis, L. (Evening Primrose.)—Common, mostly in plantations.
sinuata, L.—Low. and Mid. Dist.
" var: humifusa.—Sea-beach.
glauca, Michx.—Mid. and Up. Dist.
riparia, Nutt.—Low. Dist.
fruticosa, L. (Sundrops.)—Common.
" var: ambigua.Mountains.
linearis, Michx.—Mid. and Up. Dist.

Oenothera pumila, L.—Up. Dist.
Epilobium angustifolium, L. (Willow Herb.)—Mountains.
coloratum, Muhl.—All the Districts.
palustre, L.—Mountains.
Jussiæa decurrens, D. C.—Common.
Ludwigia alternifolia, L. (Seed Box.)—Common.
virgata, Michx.—Low. Dist.
hirtella, Raf.—Do.
linearis, Walt.—Do.
linifolia, Poir.—Do.
pilosa, Walt.—Low. and Mid. Dist.
sphærocarpa, Ell.—Low. Dist. Rare.
capitata, Michx.—Do.
alata, Ell.—Do.
microcarpa, Michx.—Do.
palustris, Ell. (Water Purslane.)—Common.
natans, Ell.—Low. Dist.
arcuata, Walt.—Do.
Circæa Lutetiana, L. (Enchanter's Nightshade.)—Mid. and Up. Dist.
alpina L.—Lincoln to Cherokee.
Proserpinaca palustris, L. (Mermaid Weed.)—Low. Dist.
pectinacea, Lam.—Low. Dist.
Myriophyllum verticillatum, L. (Water Milfoil.)—Low. Dist.
heterophyllum, Michx.—Low. Dist.
scabratum, Michx.—Mid. Dist.

CACTACEÆ.

Opuntia vulgaris, Mill. (Prickly Pear.)—Low. and Mid. Dist.

GROSSULACEÆ.

Ribes Cynosbati, L. (Prickly Gooseberry.)—Mountains.
rotundifolium, Michx. (Smooth Gooseberry.)—Do.
gracile, Michx. (Slender Gooseberry.)—Do.
prostratum, L'Her. (Fetid Currant.)—Do.
resinosum, Pursh. (Bristly Currant.)—Do.

TURNERACEÆ.

Piriqueta fulva, Chapm.—Near Newbern. (*Croom.*)

PASSIFLORACEÆ.

Passiflora incarnata, L. (May Pop.)—Common.

PASSIFLORA lutea, L.—All the Districts.

CUCURBITACEÆ.

LAGENARIA *vulgaris*, Sering. (Gourd.)—About settlements.

MELOTHRIA pendula, L.—Low. Dist.

SICYOS angulatus, L. (One-seeded Cucumber.)—Banks of the Catawba, Lincoln.

CRASSULACEÆ.

SEDUM telephioides, Michx. (Wild Orpine.)—Rocky summits of mountains.

ternatum, Michx. (Three-leaved Stone Crop.)—Mid. and Up. Dist.

pulchellum, Michx. (Mountain Moss.)—Mountains.

DIAMORPHA pusilla, Nutt.—Dunn's mountain, Rowan; and Franklin county. (*Rev. J. B. Cheshire.*)

PENTHORUM sedoides, L. (Ditch Stone Crop.)—Common.

SAXIFRAGACEÆ.

SAXIFRAGA lucanthemifolia, Michx.—Mountains.

erosa, Pursh. (Lettuce Saxifrage.)—Mountain streams.

Virginiensis, Pursh. (Early Saxifrage.)—All the Districts.

Careyana, Gray. (Carey's Saxifrage.)—Mountains.

Caroliniana, Gray. (Carolina Saxifrage.)—Do.

HEUCHERA Americana, L. (Alum Root.)—Low. and Mid. Dist.

villosa, Michx.—Mountains.

Curtisii, Gray.—Buncombe Co.

pubescens, Pursh.—Mountains.

hispida, Pursh.—Do.

BOYKINIA aconitifolia, Nutt.—Mountains.

ASTILBE decandra, Don. (False Goat's Beard.)—Mountain sides.

TIARELLA cordifolia, L. (False Mitre Wort.)—Mid. and Up. Dist.

MITELLA diphylla, L. (Mitre Wort.)—Mountains.

CHRYSOSPLENIUM Americanum, Schwein. (Golden Saxifrage.)—Haywood county.

ITEA Virginica, L.—Coast to Lincoln.

HYDRANGEA arborescens, L. (Wild Hydrangea.)—Mid. and Up. District.

radiata, Walt. (Snowy Hydrangea.)—Mountain.

DECUMARIA barbara, L.—Low. Dist.

Philadelphus grandiflorus, Willd. (Syringa.)—Hickory Gap.
hirsutus, Nutt. (Rough Syringa.)—French Broad River.

HAMAMELACEÆ.

Hamamelis Virginica, L. (Witch Hazel.)—Common.
Fothergilla alnifolia, L. (Dwarf Alder.)—Coast to Lincoln.
Liquidambar Styraciflua, L. (Sweet Gum.)—All the Districts.

UMBELLIFERÆ.

Hydrocotyle Americana, L. (Penny Wort.)—Up. Dist.
umbellata, L. (Water Grass.)—Common.
ranunculoides, L.—Low. Dist.
interrupta, Muhl.—Do.
repanda, Pers.—Do.
Crantzia lineata, Nutt.—Low. Dist.
Sanicula Marilandica, L. (Sanicle.)—Common.
Canadensis, L.—Do.
Eryngium yuccæfolium, Michx. (Button Snake-root.)—Common.
Virginianum, Lam.—Low. Dist.
prælatum, Gray.—Do.
virgatum, Lam.—Common.
Daucus pusillus, Michx. (Dwarf Carrot.)—Low. Dist.
Carota, L. (Carrot.)—Occasionally naturalized.
Cicuta maculata, L. (Water Hemlock. Wild Parsnip.)—Common.
Pastinaca *sativa*, L. (Parsnip.)—About settlements.
Cryptotænia Canadensis, D. C. (Honewort.)—Mid. Dist.
Leptocaulis divaricatus, D. C.—Low. Dist.
Discopleura capillacea, D. C. (Bishop Weed.)—Low. and Mid. District.
Sium lineare, Michx. (Water Parsnip.)—Mid. Dist.
Bupleurum *rotundifolium*, L. (Thorough-Wax.)—Mid. Dist. Sparingly naturalized.
Zizia integerrima, D. C.—Lincoln and westward.
Thaspium barbinode, Nutt.—Common.
pinnatifidum, Gray.—French Broad and Sugar Town Rivers. (*Buckley.*)
aureum, Nutt. (Meadow Parsnip.)—Common.
trifoliatum, Gray.—Mid. and Up. Dist.
Ligusticum actæifolium, Michx. (Angelico.)—Mid. and Up. Dist.
Angelica Curtisii, Buckl.—Sides of mountains.

ARCHANGELICA hirsuta, Tor. & Gr.—Mid. and Up. Dist.
CONIOSELINUM Canadense, Tor. and Gr. (Hemlock Parsley.)—Grandfather Mt. (*Prof. Gray.*)
TIEDEMANNIA teretifolia, D. C. (Water Drop-wort.)—Low. Dist.
ARCHEMORA rigida, D. C. (Cowbane. Pig Potatoe.)—Common.
ternata, Nutt.—Low. Dist.
HERACLEUM lanatum, Michx. (Cow Parsnip.)—Mountain valleys.
CHÆROPHYLLUM procumbens, Lam. (Chervil.)—Mid. Dist.
OSMORHIZA brevistylis, D. C. (Sweet Cicely.)—Mid. and Up. Dist.

ARALIACEÆ.

ARALIA racemosa, L. (Spikenard.)—Mountains.
hispida, Michx. (Rough Sarsaparilla.)—Do.
nudicaulis, L. (Wild Sarsaparilla.)—Do.
spinosa, (Prickly Ash. Hercules Club.)—Coast to Cherokee.
PANAX quinquefolium, L. (Ginseng. Sang.)—Mountains.
trifolium, L. (Dwarf Ginseng.)—Newbern. (*Mr. Croom.*)

CORNACEÆ.

CORNUS alternifolia, L'Her.—Mountains.
stricta, Lam.—Low. Dist.
paniculata, L'Her.—Mountains.
sericea, L. (Swamp Dogwood.)—Mid. and Up. Dist.
florida, L. (Dogwood.)—Common.
NYSSA multiflora, Wang. (Sour Gum.)—Low. and Mid. Dist.
aquatica, L. (Black Gum.)—Do.
uniflora, Walt. (Cotton Gum.)—Low. Dist.

CAPRIFOLIACEÆ.

SYMPHORICARPUS vulgaris, Michx. (Coral Berry.)—Mid. Dist.
DIERVILLA trifida, Mœnch. (Bush Honeysuckle.)—Mountains.
sessilifolia, Buckl.—Mountains.
LONICERA sempervirens, Ait. (Woodbine.)—Common.
grata, Ait. (Yellow Woodbine.)—Mountains.
parviflora, Lam. (Small Woodbine.)—Do.
TRIOSTEUM perfoliatum, L. (Genson. Horse Gentian.)—Mid. and Up. Dist.
angustifolium, L.—Lincoln and westward.
SAMBUCUS Canadensis, L. (Elder.)—Common.
pubens, Michx. (Red-berried Elder.) High mountains.
VIBURNUM prunifolium, L. (Black Haw.)—Common.

VIBURNUM Lentago, L. (Sheep Berry.)—Mountains.
obovatum, Walt.—Low. Dist. Rare.
acerifolium, L. (Maple-leaved Arrow-wood.)—Mid. and Up. Dist.
nudum, L. (Possum Haw. Shawnee Haw.)—Common.
dentatum, L. (Arrow-wood.)—Low. and Mid. Dist.
pubescens, Pursh. (Downy Arrow-wood.)—Mountains.
lantanoides, Michx. (Hobble Bush. Tangle Legs.)—Do.

RUBIACEÆ.

GALIUM hispidulum, Michx.—Low. Dist.
trifidum, L. (Small Bedstraw.)—Common.
triflorum, Michx. (Sweet Bedstraw.)—Mid. and Up. Dist.
pilosum, Ait.—Common.
circæzans, Michx. (Wild Liquorice.)—Low. and Mid. Dist.
latifolium, Michx.—Mountains.

DIODIA Virginiana, L. (Button-weed.)—Low. and Mid. Dist.
teres, Walt.—Common.

CEPHALANTHUS occidentalis, L. (Button Bush. Box.)—Common.

MITCHELLA repens, L. (Wild Running Box.)—Common.

OLDENLANDIA cœrulea, Gray. (Bluets.)—Common.
serpyllifolia, Gray.—Mountains.
purpurea, Gray.—Common.
" var: longifolia, Gr.—Do.
" var: tenuifolia, Gr.—Mountains.
glomerata, Michx. Low. Dist.

SPIGELIA Marilandica, L. (Pink Root.)—Low. and Mid. Dist. Rare.

MITREOLA petiolata, Tor. & Gr. (Mitre Wort.)—Low. Dist.
sessilifolia, Tor. & Gr.—Low. Dist.

POLYPREMUM procumbens, L.—Low. and Mid. Dist.

GELSEMIUM sempervirens, Ait. (Yellow Jessamine.)—Low. and Mid. Dist.

VALERIANACEÆ.

FEDIA radiata, Michx. (Lamb Lettuce.)—Low. and Mid. Dist.

COMPOSITÆ.

VERNONIA oligophylla, Michx.—Mid. Dist.
Novæboracensis, Willd. (Iron-weed.)—Common.
fasciculata, Michx.—Mid. Dist.? (*Prof. Mitchell.*)
angustifolia, Michx.—Low. Dist.

ELEPHANTOPUS Carolinianus, Willd. (Elephant's foot.)—Low. and Mid. Dist.
tomentosus, L.—Low. and Mid. Dist.
SCLEROLEPIS verticillata, Cass.—Low. Dist.
CARPHEPHORUS tomentosus, Tor. & Gr.—Low. Dist.
corymbosus, T. & G.—Low. Dist.
bellidifolius, T. & G.—Do.
LIATRIS squarrosa, Willd. (Blazing Star.)—Low. and Mid. Dist.
tenuifolia, Nutt.—Low. Dist.
pauciflora, Pursh.—Do.
graminifolia, Willd.—Common.
spicata, Willd. (Button Snake Root.)—Common.
pilosa, Willd.—Henderson Co.
scariosa, Willd.—Mid. and Up. Dist.
heterophylla, Br.—Anson Co.
odoratissima, Willd. (Vanilla Plant.)—Low. Dist.
paniculata, Willd.—Low. Dist.
KUHNIA eupatorioides, L.—Common.
EUPATORIUM purpureum, L. (Trumpet Weed.)—Common.
hyssopifolium, L.—Common.
leucolepis, Tor. & Gr.—Low. Dist.
cuneifolium, Willd.—S. E. part of the State.
parviflorum, Ell.—Low. Dist.? (*Prof. Mitchell.*)
rotundifolium, L.—Low. and Mid. Dist.
teucrifolium, Willd.—Common.
album, L.—Common.
altissimum, L.—Lincoln and westward.
sessilifolium, L. (Upland Boneset.)—Mid. and Up. Dist.
pinnatifidum, Ell.—Low. Dist.
perfoliatum, L. (Wild Sage. Boneset. Thoroughwort.)—Common.
serotinum, Michx.—Low. and Mid. Dist.
ageratoides, L. (Rich Weed.)—Mountain sides.
aromaticum, L. (Wild Horehound.)—Common.
incarnatum, Walt.—Low. Dist.
fœniculaceum, Willd. (Dog Fennel.)—Low. and Mid. Dist.
coronopifolium, Willd. (Dog Fennel.)—Do.
MIKANIA scandens, Willd. (Climbing Hemp-weed.)—Common.

Conoclinium cœlestinum, D. C. (Mist Flower.)—Low. Dist.
Sericocarpus conyzoides, Nees. (White-topped Aster.)—Low. and Mid. Dist.
solidagineus, Nees.—Low. and Mid. Dist.
tortifolius, Nees. (Rattlesnake's Master.)—Low. Dist.
Aster corymbosus, Ait. (Starwort. Aster.)—Up. Dist.
macrophyllus, L.—Lincoln and westward.
spectabilis, Ait.—Low. Dist.
gracilis, Nutt.—Mid. Dist.
surculosus, Michx.—Low. and Up. Dist.
paludosus, Ait.—Low. Dist.
sericeus, Vent.—Up. Dist.
concolor, L.—All the Districts.
squarrosus, Walt.—Low. Dist.
patens, Ait.—Common.
lævis, L.—Mid. and Up. Dist.
gracilentus, Tor. & Gr.—Lincoln.
concinnus, Willd.—Mid. Dist.? (*Schweinitz.*)
undulatus, L.—Common.
cordifolius, L.—Mountains.
sagittifolius, Willd.—Mid. and Up. Dist.
ericoides, L.—Mid. and Up. Dist.
" var: villosus.—Do.
" var: platyphyllus.—Mid. Dist.
multiflorus, Ait.—Up. Dist.
dumosus, L.—Common.
Tradescanti, L.—Up. Dist.
miser, L.—Common.
simplex, Willd.—Low. Dist.
tenuifolius, L.—Up. Dist.
carneus, Nees?—Low. Dist.
Novi-Belgii, L.—Low. Dist.
longifolius, Lam.—Do.
Elliottii, Tor. & Gr.—Do.
puniceus, L.—Mid. and Up. Dist.
prenanthoides, Muhl.—Mountains.
grandiflorus, L.—Mid. and Up. Dist.
Curtisii, Tor. & Gr.—Mountains.
Novæ-Angliæ, L.—Low. Dist.

ASTER acuminatus, Michx.—Mountains.
flexuosus, Nutt.—Salt Marshes.
linifolius, L.—Do.
ERIGERON strigosum, Muhl. (Daisy Fleabane.)—Common.
Canadense, L. (Horse-weed. Hog-weed.)—Common.
Philadelphicum, L. (Fleabane.)—Do.
bellidifolium, Muhl. (Robin's Plantain.)—Do.
vernum, Tor. & Gr.—Low. Dist.
DIPLOPAPPUS linariifolius, Hook.—Common.
cornifolius, Darl.—Mountains.
amygdalinus, Tor. & Gr.—Mid. and Up. Dist.
umbellatus, T. & G.—Mountains.
BOLTONIA diffusa, Ell.—Low. Dist.
glastifolia, L'Her.—Low. & Mid. Dist.
asteroides, L'Her.—Lincoln and westward.
SOLIDAGO squarrosa, Muhl. (Golden Rod.)—Yancey County.
pubens, M. A. C.—Mecklenburg and westward.
latifolia, L.—Up. Dist.
cæsia, L.—Common.
Curtisii, Tor. & Gr.—Mountains.
monticola, T. & G.—Do.
lancifolia, T. & G.—Mountains.
bicolor, L.—Very common.
puberula, Nutt.—Low. Dist.
" var. pulverulenta.—Do.
petiolaris, Ait.—Low. and Mid. Dist.
speciosa, Nutt.—Mid. and Up. Dist.
verna, M. A. C.—Low. Dist.
glomerata, Michx.—Mountains.
rigida, L.—Mountains.
spithamæa, M. A. C.—Summits of highest Mountains.
virgata, Michx.—Low. Dist.
angustifolia, Ell.—Do.
sempervirens, L.—Do.
patula, Muhl.—Up. Dist.
" var: strictula.—Low. Dist.
arguta, Ait. var: juncea.—Low. and Mid. Dist.
Boottii, Hook.—Low. Dist.
altissima, L.—Common.

Solidago ulmifolia, Muhl.—Up. Dist.
Elliottii, T. & G.—Low. Dist.
pilosa, Walt.—Do.
odora, Ait. (Anise-scented Golden Rod.)—Common.
tortifolia, Ell.—Low. Dist.
cordata, Short.—Mountains.
nemoralis, Ait.—Common.
Canadensis, L.—Mid. & Up. Dist.
serotina, Ait.—Mid. Dist.
gigantea, Ait.—Common.
lanceolata, L.—Low. & Mid. Dist.
tenuifolia, Pursh.—Common.
Bigelovia nudata, D. C.—Low. Dist.
Chrysopsis graminifolia, Nutt. (Silk Grass. Scurvy Grass.)—Low. & Mid. Dist.
Mariana, Nutt.—Common.
trichophylla, Nutt.—Low. Dist.
gossypina, Nutt.—Do.
Inula *Helenium*, L. (Elecampane.)—Up. Dist.
Baccharis halimifolia, L. (Groundsel.)—Low. Dist.
glomeruliflora, Pers.—Do.
angustifolia, Michx.—Do.
Pluchea bifrons, D. C. (Marsh Fleabane.)—Low. Dist.
fœtida, D. C. (Stinking Fleabane.)—Common.
camphorata, D. C.—Low. Dist.
Pterocaulon pycnostachyum, Ell. (Black Root.)—Low. Dist.
Polymnia Canadensis, L. (Leaf-cup.)—Mountains.
Uvedalia, L. (Bear's Foot.)—All the Districts.
Chrysogonum Virginianum, L.—Low. and Mid. Dist.
Silphium compositum, Michx.—Mid. and Up. Dist.
" var. Michauxii, T. & G.—Low. and Mid. Districts.
trifoliatum, L.—Up. Dist.
Asteriscus, L.—Mid. Dist.
" var: dentatum.—Do.
perfoliatum, L.—Mountains.
Berlandiera tomentosa, T. & G.—Richmond Co. and southward.
Parthenium integrifolium, L.—Common.
Iva frutescens, L. (Marsh Elder.)—Salt Marshes.

Iva imbricata, Walt.—Sea coast.
Ambrosia trifida, L. (Buffalo Weed.)—Mid. and Up. Dist.
artemisiæfolia, L. (Ragweed. Carrot-weed. Stick-weed.)—Common.
Xanthium *strumarium*, L. (Cockle-bur.)—Common.
spinosum, L. (Thorny Cockle-bur.)—In streets of Low. and Mid. Dist.
Eclipta erecta, L.—Low. and Mid. Dist.
Borrichia frutescens, D. C. (Sea Ox-eye.)—Salt Marshes.
Zinnia *multiflora*, D (Zinnia.)—Sparingly naturalized.
Heliopsis lævis, Pers. (Ox-eye.)—Lincoln and Westward.
Echinacea purpurea, Mœnch. (Purple Cone-flower.)—Mid. and Up. Dist.
Tetragonotheca helianthoides, L.—Mid. and Up. Dist.
Rudbeckia hirta L. (Cone-flower.)—All the Districts.
fulgida, Ait.—Mid. Dist.
triloba L.—Mountains.
laciniata L.—Mid. and Up. Dist.
Lepachys pinnata, Tor. & Gr.—Up. Dist.
Helianthus angustifolius, L. (Sunflower.)—Common.
heterophyllus, Nutt.—Low. Dist.
atrorubens, L.—Common.
occidentalis, Riddell; var: Dowellianus, T. & G.—Macon Co.
giganteus, L.—Low. and Mid. Dist.
tomentosus, Michx.—Lincoln and westward.
strumosus, L.—Common.
decapetalus, L.—Mid. and Up. Dist.
hirsutus, Raf.—Lincoln and westward.
divaricatus, L.—Mid. and Up. Dist.
microcephalus, T. & G.—Mid. Dist.
Schweinitzii, T. & G.—Mid. Dist.
lævigatus, T. & G.—Lincoln Co.
Actinomeris squarrosa, Nutt.—Mid. and Up. Dist.
Coreopsis discoidea, T. & G. (Tickseed.)—Low. and Mid. Dist.
aurea, Ait.—Low. Dist.
trichosperma, Michx. (Tickseed Sunflower.)—Low. Dist.
tripteris, L. (Tall Coreopsis.)—Up. Dist.
latifolia, Michx.—Mountains.

COREOPSIS scnifolia, Michx.—Mid. and Up. Dist.
verticillata, L.—Low. and Mid. Dist.
auriculata, L.—Common.
lanceolata, L.—Mid. Dist.
gladiata, Walt.—All the Districts.
angustifolia, Ait.—Low. Dist.
integrifolia, Poir.—Do.

BIDENS frondosa, L.—Low. and Mid. Dist.
chrysanthemoides, Michx. (Bur Marigold.)—Common.
bipinnata, L. (Spanish Needles. Beggar Lice.)—Common.

VERBESINA Siegesbeckia, Michx. (Stick weed. Crown-beard.)—All the Districts.
Virginica, L.—Upper Dist.

HELENIUM autumnale, L. (Sneeze-weed.)—Common.
quadridentatum, Labill.—Low. Dist.

LEPTOPODA Helenium, Nutt.—Mid. Dist.
puberula, Macbr.—Low. Dist.
brevifolia, Nutt.—Do.
brachypoda, T. & Gr.—Do.

BALDWINIA uniflora, Ell.—Low. Dist.

MARSHALLIA latifolia, Pursh.—Mountains.
lanceolata, Pursh.—All the Districts.
" var: platyphylla, M. A. C.—Mid. Dist.
angustifolia, Pursh.—Low. Dist.

MARUTA *Cotula*, D. C. (May Weed. False Chamomile.)—Streets and road sides.

ACHILLEA *millefolium*, L. (Milfoil. Yarrow.)—About settlements.

LEUCANTHEMUM *vulgare*, Lam. (White Daisy. White-weed.) In grass lands.

TANACETUM *vulgare*, L. (Tansy.)—About settlements.

ARTEMISIA caudata, Michx. (Wild Wormwood.)—Low. Dist.
vulgaris, L. (Mugwort.)—Mid. Dist.? (*Nuttall.*)

GNAPHALIUM polycephalum, Michx. (Everlasting.)—Common.
purpureum, L. (Cudweed.)—Common.

ANTENNARIA margaritacea, R. Br. (Everlasting.)—Mid. and Up. Dist.
plantaginifolia, Hook.—Common.

FILAGO *Germanica*, L. (Cotton Rose.)—Mid. Dist.

ERECHTHITES hieracifolia, Raf. (Fire-weed.)—Common.

CACALIA atriplicifolia, L. (Indian Plantain.)—Mid. and Up. Dist.
suaveolens, L.—Henderson Co.
reniformis, Muhl. (Wild Collard.)—Mountain sides.
SENECIO lobatus, Pers.—Low. Dist.
aureus, L. (Ragwort.)—Mid. and Up. Dist.
" var: Balsamitæ.—Do.
tomentosus, Michx.—Low. and Up. Dist.
Elliottii, T. & G.—Mid. and Up. Dist.
Millefolium, T. & G.—Cæsar's Head, (*Buckley.*) and Whiteside Mt.
RUDELIA nudicaulis, Shuttl.—Jackson Co. (*Buckley.*)
ARNICA nudicaulis, Ell.—Low. and Mid. Dist.
CENTAUREA *calcitrapa*, L. (Star Thistle.)—Mid. Dist.?—(*Prof. Mitchell.*)
CIRSIUM *lanceolatum*, Scop. (Thistle.)—Mid. and Up. Dist.
discolor, Spreng.—Up. Dist.
altissimum, Spreng.—Low. and Mid. Dist.
Nuttallii, D. C.—Mid. Dist.
Virginianum, Michx.—Low. and Mid. Dist.
muticum, Michx. (Swamp Thistle.)—Low. Dist.
repandum, Michx.—Sand barrens of Low. Dist.
horridulum, Michx. (Yellow Thistle.)—Low. Dist.
" var: Elliottii, T. & G.—Low. Dist.
LAPPA *major*, Gært. (Burdock.)—Mid. and Up. Dist.
CHAPTALIA tomentosa, Vent.—Low. Dist.
KRIGIA Virginica, Willd.—Low. and Mid. Dist.
Caroliniana, Nutt.—Mid. Dist.
CYNTHIA Virginica, Don.—Mid. and Up. Dist.
Dandelion, D. C.—Mid. Dist.
" var: montana, Chapm.—Mountains.
HIERACIUM scabrum, Michx. (Hawkweed.)—Mountains.
Gronovii, L.—Low. to Up. Dist.
venosum, L. (Rattlesnake-weed. Robin's Plantain.)—Mid. and Up. Dist.
paniculatum, L.—All the Districts.
NABALUS albus, Hook. (White Lettuce. Rattlesnake Root.)—Common.
altissimus, Hook.—Low. and Mid. Dist.
Fraseri, D. C. (Gall of the Earth.)—Low. to Up. Dist.

NABALUS virgatus, D. C.—Low. Dist.
crepidineus, D. C.—Mountains.
TARAXACUM *Dens-Leonis*, Desf. (Dandelion.)—Common.
PYRRHOPAPPUS Carolinianus, D. C. (False Dandelion.)—Low. and Mid. Dist.
LACTUCA elongata, Muhl. (Wild Lettuce.)—Common.
" var: graminifolia.—Low. Dist.
" var: sanguinea.—Lincoln Co.
MULGEDIUM acuminatum, D. C. (Blue Lettuce.)—Common.
Floridanum, D. C.—Common.
leucophæum, D. C.—Mountains.
SONCHUS *oleraceus*, L. (Sow Thistle.)—Common.
asper, Vill.—Mid. Dist.

LOBELIACEÆ.

LOBELIA cardinalis, L. (Cardinal Flower.)—Common.
syphilitica, L. (Great Lobelia.)—Mid. and Up. Dist.
puberula, Michx. (Blue Lobelia.)—Low. and Mid. Dist.
leptostachys, A. D. C.—Lincoln to Cherokee.
amœna, Michx.—Low. and Mid. Dist.
glandulosa, Walt.—Common.
inflata, L. (Indian Tobacco. Lobelia.)—Mid. and Up. Dist.
spicata, Lam.—Mid. and Up. Dist.
Nuttallii, R. & S.—Low. and Mid. Dist.
paludosa, Nutt.—Low. Dist.

CAMPANULACEÆ.

CAMPANULA Americana, L. (Bell-flower.)—Low. to Up. Dist.
aparinoides, Pursh. (Marsh Bell-flower.)—Mountain Swamps.
divaricata, Michx. (Hare-bell.)—Mountain sides.
flexuosa, Michx.—Mountains. (*Michaux.*)
SPECULARIA perfoliata, A. D. C. (Venus' Looking Glass.)—Common.
" var: Ludoviciana.—Mid. Dist.

ERICACEÆ.

GAYLUSSACIA frondosa, Tor. & Gr. (Blue Huckleberry.)—Low. and Mid. Dist.
dumosa, T. & G. (Dwarf Huckleberry.)—Do.
" var: hirtella.—Do.

GAYLUSSACIA resinosa, T. & G. (Black Huckleberry.)—Mid. and Up. Dist.

ursina, Gray. (Bear Huckleberry. Bearberry.)—Haywood county and southward.

VACCINIUM corymbosum, L. (Swamp Huckleberry.)—Common.

Constablæi, Gray. (Pale Dwarf Blueberry.)—Summits of mountains.

tenellum, Ait. Low. and Mid. Dist.

hirsutum, Buckl. (Bristly Huckleberry.)—Mountains of Cherokee.—(*Buckley.*)

myrsinites, Michx.—Pine Barrens.

arboreum, Michx. (Sparkleberry.)—Coast to Cherokee.

stamineum, L. (Deerberry. Gooseberry.)—Common.

crassifolium, Andr. (Creeping Huckleberry.)—Low. Dist.

erythrocarpon, Michx.—Higher mountains.

macrocarpon, Ait. (Cranberry.)—Swamps of Low. and Up. Dist.

EPIGÆA repens, L. (Trailing Arbutus. Crocus.)—Common.

GAULTHERIA procumbens, L. (Mountain Tea. Wintergreen.)—Low. and Up. Dist.

LEUCOTHOE axillaris, Don.—Low. Dist.

Catesbæi, Gray. (Dog Laurel.)—Mountains.

racemosa, Gray.—Low. and Mid. Dist.

recurva, Gray.—Near Paint Rock. (*Buckley.*)

CASSANDRA calyculata, Don.—Low. Dist.

ANDROMEDA floribunda, Pursh. Mountains.—(*Pursh. Buckley.*)

nitida, Bartr. (Fetter Bush.)—Low. Dist.

Mariana, L. (Stagger Bush.)—Low. and Mid. Dist.

speciosa, Michx.—Low. Dist.

ligustrina, Muhl. (Pepper Bush.)—Common.

OXYDENDRUM arboreum, D. C. (Sour Wood. Sorrell Tree.)—All the Districts.

CLETHRA alnifolia, L. (White Alder. Sweet Pepper Bush.)—Low. and Mid. Dist.

" var: tomentosa.—Low. Dist.

acuminata, Michx. (Mountain Pepper Bush.)—Mountains.

KALMIA latifolia, L. (Ivy.)—All the Districts; rare in the Lower.

angustifolia, L. (Wicky.)—All the Districts.

cuneata, Michx.—Low. Dist.

MENZIESIA globularis, Salisb. (Minnie Bush.)—Mountains.
AZALEA nudiflora, L. (Purple Honeysuckle.)—Common.
calendulacea, Michx. (Yellow Honeysuckle.)—Mountains.
viscosa, L. (Clammy Honeysuckle.)—Up. Dist.
" var: glauca.—Mid. Dist.
arborescens, Pursh. (Smooth Honeysuckle.)—Common.
RHODODENDRON maximum. (Laurel.)—Mid. and Up. Dist.
Catawbiense, Michx. (Oval-leaved Laurel.)—On highest mountains.
punctatum, Andr. (Dwarf Laurel.)—Mountains.
LEIOPHYLLUM buxifolium, Ell. (Sand Myrtle.)—Mountains, and in Brunswick county.
PYROLA rotundifolia, L. (False Wintergreen.)—Low. Dist.
CHIMAPHILA umbellata, Nutt. (Prince's Pine. Pipsissewa.) Low. to Up. Dist.
maculata, Pursh. (Spotted Wintergreen.) Common.
SHORTIA galacifolia, Gray.—Mountains. (*Michaux.*)
SCHWEINITZIA odorata, Ell.—Salem. (*Schweinitz.*) Table mountain. (*Prof. Gray.*)
MONOTROPA uniflora, L. (Eye-bright.)—Common.
Hypopitys, L. (Pine Sap.)—Mid. and Up. Dist.

GALACINEÆ.

GALAX aphylla, L. (Colt's Foot.)—Beaufort county to mountains.

AQUIFOLIACEÆ.

ILEX opaca, Ait. (Holly.)—Common.
Dahoon, Walt. var: myrtifolia, Chapm. (Dahoon Holly.)—Low. Dist.
Cassine, L. (Yaupon.)—Near the Coast.
decidua, Walt.—Mid. Dist.
ambigua, Chapm.—Mountains.
verticillata, Gray.—Common.
glabra, Gray. (Gallberry. Inkberry.)—Low. Dist.
coriacea, Chapm. (Tall Gallberry.)—Do.

STYRACACEÆ.

STYRAX grandifolia, Ait. (Mock Orange.)—Coast to Lincoln.
Americana, Lam.—Low. Dist.
HALESIA tetraptera, L. (Snow-drop Tree.)—All the Districts.
SYMPLOCOS tinctoria, L'Her. (Yellow Wood. Sweet Leaf.)—Common.

CYRILLACEÆ.

Cyrilla racemiflora, Walt. (Burn-wood Bark. He Huckleberry.)—Low. Dist.

EBENACEÆ.

Diospyros Virginiana, L. (Persimmon.)—Common.

SAPOTACEÆ.

Bumelia lycioides, Gaert. (Buckthorn.)—Coast to Lincoln Co.

PLANTAGINACEÆ.

Plantago *major*, L. (Plantain.)—Common.
lanceolata, L. (Narrow-leaved Plantain.)—Common.
sparsiflora, Michx.—Low. Dist.
Virginica, L.—Low. and Mid. Dist.
heterophylla, Nutt.—Low. Dist.

PLUMBAGINACEÆ

Statice Caroliniana, Walt. (Marsh Rosemary.)—Salt Marshes.

PRIMULACEÆ.

Hottonia inflata, Ell. (Featherfoil.)—Up. Dist.
Lysimachia stricta, Ait. (Loosestrife.)—Common.
" var: angustifolia.—Low. Dist.
Herbemonti, Ell.—Low. Dist.
quadrifolia, L. (Five Sisters.)—Common.
ciliata, L.—All the Districts.
radicans, Hook.—Up. Dist.
longifolia, Pursh.—Do.
Dodecatheon Meadia, L. (American Cowslip.)—Chatham Co.
Anagallis *arvensis*, L. (Pimpernel.)—Near settlements in all the Districts. Rare.
Centunculus minimus, L. (Chaffweed.)—Davidson Co.
Samolus floribundus, Kth. (Brook-weed.)—Low. Dist.

LENTIBULACEÆ.

Utricularia inflata, Walt. (Bladder-wort.)—Low. Dist.
vulgaris, L.—Mid. Dist.
striata, Leconte.—Low. Dist.
fibrosa, Walt.—Do.
gibba, L.—Do.
purpurea, Walt.—Low. Dist.

Utricularia cornuta, Michx.—Do.
subulata, L.—Low. and Mid. Dist.
Pinguicula lutea, Walt. (Butter-wort.)—Low. Dist.
elatior, Michx.—Do.

BIGNONIACEÆ.

Bignonia capreolata, L. (Cross Vine.)—Low. & Mid. Dist.
Tecoma radicans, Juss. (Trumpet Flower.)—Coast to the Mountains.
Catalpa *bignonioides*, Walt. (Catalpa.)—About settlements.
Martynia *proboscidea*, Glox. (Martino. Unicorn Plant.)—About settlements.

OROBANCHACEÆ.

Epiphegus Virginiana, Bart. (Beech Drops.)—Common.
Conopholis Americana, Wallr. (Squaw-root.)—Low. & Mid. Dist.
Aphyllon uniflorum Tor. & Gr. (Cancer-root.)—Mid. Dist. (*Prof. Mitchell.*)

SCROPHULARIACEÆ.

Verbascum *Thapsus*, L. (Mullein.)—Common.
Blattaria, L. (Moth Mullein.)—Do.
Scrophularia nodosa, L. (Fig-wort.)—All the Districts.
Chelone glabra, L. (Snake-mouth.)—Common.
Lyoni, Pursh.—Mountain sides.
Penstemon pubescens, Soland. (Beard-tongue.)—Common.
" var: lævigatus.—Common.
Linaria Canadensis, Spreng. (Toad Flax.)—Low. & Mid. Dist.
vulgaris, Mill. (Butter & Eggs.)—Roadsides.
Elatine, Mill.—Roadsides in Orange, Co.
Mimulus ringens, L. (Monkey Flower.)—Common.
alatus, Ait.—Lower? & Mid. Dist.
Herpestis nigrescens, Benth.—Low. Dist.
Monniera, H. B. & K.—Low. Dist.
amplexicaulis, Pursh.—Do.
Gratiola Virginiana, L. (Hedge Hyssop.)—Low. & Mid. Dist.
sphærocarpa, Ell.—Low. & Mid. Dist.
viscosa, Schwein.—Lincoln & Surry.
aurea, Muhl.—Low. Dist.
pilosa, Michx.—Low. & Mid. Dist.
Ilysanthes gratioloides, Benth. (False Pimpernel.)—Common.
refracta, Benth.—Surry (*Gray*) to Henderson, Co. (*Buckley.*)

Ilysanthes saxicola, Chapm.—Rocks in Hiwassee River.
Micranthemum orbiculatum, Michx.—Low. Dist.
Veronica Virginiana, L. (Culver's Physic.)—Mid. & Up. Dist.
officinalis, L. (Speedwell.)—Mountains.
serpyllifolia, L. (Paul's Betony.)—Common.
peregrina, L. (Purslane Speedwell.)—Do.
arvensis, L. (Corn Speedwell.)—Low. & Mid. Dist.
agrestis, L. (Field Speedwell.)—Up. Dist.
Buchnera Americana, L. (Blue Hearts.)—Mid. & Up. Dist.
Seymeria tenuifolia, Pursh.—Low. & Mid. Dist.
pectinata, Pursh.—Low. Dist. (*Croom.*)
Otophylla Michauxii, Benth.—Up. Dist.
Dasystoma pubescens, Benth. (False Foxglove.)—Common.
quercifolia, Benth.—Mid. & Up. Dist.
pedicularia, Benth.—Mid. Dist.
pectinata, Benth.—Low. & Mid. Dist.
Gerardia linifolia, Nutt. (Flax leaved Gerardia.)—Low. Dist.
divaricata, Chapm.—Do.
aphylla, Nutt.—Low. Dist.
purpurea, L. (Purple Gerardia.)—Common.
" var: fasciculata,—Low. Dist.
maritima, Raf.—Sea-beach.
setacea, Ell.—Low. Dist.
tenuifolia, Vahl.—Common.
parvifolia, Chapm.—Low. Dist.
Castilleia coccinea, Spreng. (Painted Cup.)—Mid. & Up. Dist.
Schwalbea Americana, L. (Chaff Seed.)—Low. Dist.
Pedicularis Canadensis, L. (Lousewort.)—All the Districts.
lanceolata, Michx.—Mountains.
Melampyrum Americanum, Michx. (Cow Wheat.)—Mountains.

ACANTHACEÆ.

Dipteracanthus strepens, Nees.—Common.
Dianthera Americana, L. (Water Willow.)—Mid. and Up. Dist.
ovata, Walt.—Low. Dist.
Diclitera brachiata, Spreng.—Low. Dist.

VERBENACEÆ.

Verbena *urticifolia*, L. (White Vervain.)—Common.
hastata, L. (Blue Vervain.)—Do.

VERBENA angustifolia, Michx.—Mid. Dist.
Caroliniana, Michx.—Low. Dist.
officinalis, L. (Vervain.)—Common.
LIPPIA nodiflora, Michx. (Fog-fruit.)—Low. Dist.
CALLICARPA Americana, L. (Bermuda Mulberry.)—Low. Dist.
PHRYMA leptostachya, L. (Lop-seed.)—Mid. and Up. Dist.

LABIATÆ.

HYPTIS radiata, Willd.—Low. and Mid. Dist.
MENTHA *viridis*, L. (Spearmint.)—Common.
piperita, L. (Peppermint.)—Common.
rotundifolia, L. (Round-leaved Mint.)—Low. Dist. Rare.
LYCOPUS Virginicus, L. (Bugle-weed.)—Common.
sinuatus, Ell.—Low. Dist.
CUNILA Mariana, L. (Dittany.)—Mid. and Up. Dist.
PYCNANTHEMUM incanum, Michx. (Mountain Mint.)—Mid. and Up. Dist.
" var: Tullia.—Common.
dubium, Gray.—Mountains. (*Gray.*)
aristatum, Michx.—Low. Dist.
" var. hyssopifolium.—Do.
pilosum, Nutt.—Mountains. (*Prof. Gray.*)
muticum, Pers.—Mountains.
lanceolatum, Pursh.—Low. and Mid. Dist.
linifolium, Pursh.—Common.
nudum, Nutt.—Mountains.
montanum, Michx.—Do.
COLLINSONIA Canadensis, L. (Horse Balm.)—Mid. and Up. Dist.
punctata, Ell.—Low. Dist.
ovalis, Pursh.—Mountains.
HEDEOMA pulegioides, Pers. (Penny Royal.)—Mid. and Up. Dist.
CALAMINTHA *Nepeta*, Link. (Basil Thyme.)—Common about streets.
Caroliniana, Sweet.—Low. Dist.
MELISSA *officinalis*, L. (Balm.)—Mid. Dist. Rare.
SALVIA urticifolia, L. (Wild Sage.)—Mid. and Up. Dist.
lyrata, L.—Common.
Claytoni, Ell.—Mid. Dist.
MONARDA didyma, L. (Horse Mint.)—Mountains.
fistulosa, L.—Common.
punctata, L. (Rignum.)—Common.

Monarda gracilis, Pursh.—Mountains. (*Lyon.*)
Blephilia ciliata, Raf. (Horse Mint.)—Mid. Dist.
hirsuta, Benth.—Mountains.
Lophanthus nepetoides, Benth. (Giant Hyssop.)—Mid. and Up. Dist.
scrophulariæfolius, Benth.—Mountains.
Nepeta *Cataria*, L. (Catnip.)—Common about settlements.
Glechoma, Benth. (Ground Ivy.)—Near settlements.
Cedronella cordata, Benth.—Ashe Co. (*Prof. Gray.*)
Brunella vulgaris, L. (Heal-all.)—Common.
Scutellaria versicolor, Nutt. (Skullcap.)—Up. Dist.
arguta, Buckl.—Black Mt. (*Buckley.*)
serrata, Andr.—Mid. Dist.
pilosa, Michx.—Low. & Mid. Dist.
integrifolia, L.—Low. Dist.
lateriflora, L.—Low. Dist.
galericulata, L.—Mid. Dist.
parvula, Michx.—Mid. Dist.
saxatilis, Riddell.—Mountains.
Macbridea pulchra, Ell.—Low. Dist. Rare.
Physostegia Virginiana, Benth. (Dragon-head.)—All the Districts.
Lamium *amplexicaule*, L. (Dead Nettle. Hen bit.)—Common in Gardens.
Marrubium *vulgare*, L. (Horehound.)—Common about settlements.
Leonurus *Cardiaca*, L. (Mother-wort.)—Do.
Stachys aspera, Michx. (Hedge Nettle.)—Mountains.
hyssopifolia, Michx.—Low. Dist.
Isanthus coeruleus, Michx. (False Penny Royal.)—Mid. & Up. Dist.
Trichostema dichotomum, L. (Blue Curls.)—Common.
" var. lineare.—Mid. Dist.
Teucrium Canadense, L. (Wood Sage.)—Low. & Mid. Dist.

BORRAGINACEÆ.

Heliotropium Curassavicum, L. (Heliotrope.)—Low. Dist. near the coast.
Heliophytum *Indicum*, D. C. (Indian Heliotrope.)—Low. & Mid. Dist.
Echium *vulgare*, L. (Blue-weed.)—Mid. Dist. Rare.
Onosmodium Carolinianum, D. C. (Gromwell.)—Up. Dist.

Onosmodium Virginianum, D. C.—Low. & Mid. Dist.
Lithospermum *arvense*, L. (Corn Gromwell.)—Low. and Mid. Dist.
hirtum, Lehm. (Hairy Puccoon.)—Low. Dist.
Mertensia Virginica, D. C. (Roanoke Bell. Virginia Cowslip.)—Halifax, Co. (*T. B. Hill.*) Mts.
Cynoglossum *officinale*, L. (Hound's Tongue.)—Mid. Dist.
Virginicum, L. (Wild Comfrey.)—Mid. & Up. Dist.
Morisoni, D. C. (Beggar Lice.)—Do.
Myosotis laxa, Lehm. (Forget me not.)—Low. & Mid. Dist. Rare.
verna, Nutt.—Mid. & Up. Dist.

HYDROPHYLLACEÆ.

Hydrophyllum Virginicum, L. (Water-leaf.)—Mountains.
Canadense, L.—Mountains.
Ellisia Nyctelea, L.—Mid. Dist. (*Prof. Mitchell.*)
Nemophila microcalyx, F. & M.—Up. Dist.
Phacelia bipinnatifida, Michx.—Up. Dist.
Purshii, Buckl.—Mountains. (*Buckley.*)
fimbriata, Michx.—Mountains.
parviflora, Pursh.—Low. Dist.

HYDROLEACEÆ.

Hydrolea quadrivalvis, Walt.—Low. Dist.

POLEMONIACEÆ.

Phlox paniculata, L. (Phlox.)—Lincoln & westward.
" var: acuminata.—Mountains.
maculata, L.—Common.
Carolina, L.—Mountains.
glaberrima, L.—Mid. & Up. Dist.
reptans, Michx.—Lincoln & westward.
divaricata, L.—Common.
Walteri, Chapm.—Low. & Mid. Dist.
pilosa, L.—Mecklenburg & westward.
subulata, L. (Wild Pink.)—Low. Dist. to Mountains.
Polemonium reptans, L. (Greek Valerian.)—Haywood Co.
Pyxidanthera barbulata, Michx. (Flowering Moss.)—Low. Dist.

CONVOLVULACEÆ.

Quamoclit *coccinea*, Mœnch.—Common in cultivated grounds.
Pharbitis *Nil*, Chois. (Morning Glory.)—Do.

Ipomœa commutata, R. & S.—All the Districts.
pandurata, Meyer. (Wild Potatoe.)—Coast to Cherokee.
sagittifolia, Bot. Reg.—Low. Dist.
lacunosa, L.—Low. Dist.
Calystegia sepium, R. Br. (Bindweed.)—Common.
spithamæa, Pursh. (Low Bindweed.)—Mid. Dist.
Stylisma humistrata, Chapm.—Low. Dist.
aquatica, Chapm.—Do.
Pickeringii, Gray.—Do.
Dichondra repens, Forst. var: Carolinensis, Chois.—Low. Dist.
Cuscuta arvensis, Beyr. (Love Vine. Dodder.)—Mid. Dist.
Gronovii, Willd.—Low. and Mid. Dist.
rostrata, Shuttl.—Mountains.
compacta, Juss.—All the Districts.
epilinum, Weihe. (Flax Dodder.)—Orange County.

SOLANACEÆ.

Solanum *nigrum*, L. (Nightshade.)—Common near settlements.
Carolinense, L. (Horse Nettle.)—Common.
aculeatissimum, Jacq. (Soda Apple.)—Low. Dist.
Physalis viscosa, L. (Ground Cherry.)—Common.
lanceolata, Michx.—On the coast.
angulata, L.—Waste Grounds of Low. Dist.
pubescens, L.—Do.
Nicandra *physaloides*, Gært. (Apple of Peru.)—Waste grounds.
Datura *Stramonium*, L. (Jamestown Weed.)—Common.
" var: Tatula.—Common.
Metel, L.—Low. Dist. (*Dr. McRee.*)

GENTIANACEÆ.

Sabbatia lanceolata, Tor. & Gr.—Low. and Mid. Dist.
paniculata, Pursh.—Low. Dist.
angularis, Pursh. (Centaury.)—Low. and Mid. Dist.
brachiata, Ell.—Low. Dist.
gracilis, Pursh.—Low. and Mid. Dist.
stellaris, Pursh.—Salt Marshes.
calycosa, Pursh.—Low. Dist.
chloroides, Pursh.—Do.
gentianoides, Ell.—Do.

GENTIANA quinqueflora, Lam. (Five flowered Gentian.)—Mecklenburg and westward.
crinita, Frœl. (Fringed Gentian.)—Macon Co.
ochroleuca, Frœl. (Sampson Snake Root.)—Mid. Dist.
Elliottii, Chapm. (Sampson Snake Root.)—Low. Dist.
saponaria, L. (Sampson Snake Root.)—Common.
Andrewsii, Griseb. (Sampson Snake Root.)—Mountains.
angustifolia, Michx. (Narrow-leaved Gentian.)—Low. Dist.

BARTONIA tenella, Muhl.—All the Districts.
verna, Muhl.—Low. Dist.

OBOLARIA Virginica, L.—Low. and Mid. Dist.

FRASERA Carolinensis, Walt. (Columbo.)—Vallies of Macon and Cherokee.

LIMNANTHEMUM lacunosum, Griseb. (Floating Heart.)—Low. Dist.
trachyspermum, Gray.—Low. Dist.

APOCYNACEÆ.

APOCYNUM cannabinum, L. (Indian Hemp.)—Low. Dist. to Mts.
androsæmifolium, L. (Dogbane.)—Mid. Dist.

FORSTERONIA difformis, A. D. C.—Low. Dist. to Wake Co.

AMSONIA ciliata, Walt.—Robeson and Moore Counties.
Tabernæmontana, Walt.—Low. and Mid. Dist.

ASCLEPIADACEÆ.

ASCLEPIAS Cornuti, Dec. (Milkweed. Silkweed.)—Low. Dist. (*Croom.*) Rare.
phytolaccoides, Pursh. (Poke Milkweed. Squaw Root.)—Mountains.
purpurascens, L. (Purple Milkweed.)—Mid. Dist.
variegata, L.—Low. and Mid. Dist.
incarnata, L. (Swamp Silkweed.)—Common.
tomentosa, Ell.—Cumberland County.
paupercula, Michx.—Low. Dist.
rubra, L.—Low. Dist. to Wake.
obtusifolia, Michx.—Low. and Mid. Dist.
amplexicaulis, Michx. (Rabbit's Milk.)—Low. Dist.
quadrifolia, Jacq.—Up. Dist.
verticillata, L.—Low. and Mid. Dist.
tuberosa, L. (Butterfly Weed. Pleurisy Root.)—Common.

ACERATES viridiflora, Ell. (Green Milkweed.) Mid. Dist.
longifolia, Ell.—Low. Dist.
PODOSTIGMA pubescens, Ell.—Low. Dist.
SEUTERA maritima, Dec.—Salt Marshes.
GONOLOBUS hirsutus, Michx. (Running Milkweed.)—Low. and Mid. Dist.
macrophyllus, Michx.—Low. and Mid. Dist.

OLEACEÆ.

OLEA Americana, L. (Devil Wood.)—Near the coast.
LIGUSTRUM *vulgare*, L. (Privet.)—About dwellings.
CHIONANTHUS Virginica, L. (Fringe Tree. Old Man's Beard.)—Coast to Blue Ridge.
FRAXINUS platycarpa, Michx. (Water Ash.) Low. Dist.
Americana, L. (White Ash.)—Mid. and Up. Dist.
pubescens, Lam. (Red Ash.)—Mid. Dist.
viridis, Michx. (Green Ash.)—Mid. and Up. Dist.

ARISTOLOCHIACEÆ.

ARISTOLOCHIA Serpentaria, L. (Virginia Snake-root.)—Common.
tomentosa, Sims.—Mountains.
Sipho, L'Her. (Wild Ginger. Big Sarsaparilla.)—Along mountain rivulets.
ASARUM Canadense, L.—Mountains.
Virginicum, L. (Heart Leaf.)—Mid. and Up. Dist.
arifolium, Michx. (Heart Leaf. Asarabacca.)—Common.

PHYTOLACCACEÆ.

PHYTOLACCA decandra, L. (Poke-weed.)—Common.

CHENOPODIACEÆ.

CHENOPODIUM *album*, L. (Lamb's Quarters.)—Common about settlements.
murale, L.—Low. and Mid. Dist.
Anthelminticum, L. (Worm-seed. Jerusalem Oak.)—Common.
ATRIPLEX hastata, L. (Orache.)—Sea-shore.
OBIONE arenaria, Moq. (Sand Orache.)—Sea-beach.
CHENOPODINA maritima, Moq. (Sea Goosefoot.)—Salt Marshes.
SALICORNIA herbacea, L. (Samphire.)—Salt Marshes.
ambigua, Michx.—Do.
SALSOLA Kali, L. (Salt-wort.)—Sandy Sea-shore.

AMARANTACEÆ.

AMARANTUS *albus*, L. (Amaranth.)—Low. Dist.
paniculatus, (Red Amaranth.)—Low. and Mid. Dist.
hybridus, L. (Green Amaranth. Careless.)—Common.
spinosus, L. (Thorny Amaranth.)—Low. and Mid. Dist.
chlorostachys, Willd.—Cultivated grounds.

EUXOLUS pumilus, Raf. (Dwarf Amaranth.)—Sandy Sea-shore.

ACNIDA cannabina, L. (Water Hemp.)—Low. Dist.

TELANTHERA polygonoides, Moq.—Low. Dist.

POLYGONACEÆ.

POLYGONUM *orientale*, L. (Prince's Feather.)—About settlements.
Pennsylvanicum, L.—Low. and Mid. Dist.
Persicaria, L. (Lady's Thumb.)—Common.
acre, Kth. (Smart Weed.)—Common.
hydropiperoides, Michx. (Water Pepper.)—Common.
hirsutum, Walt.—Low. Dist.
aviculare, L. (Knot Grass.)—Very Common.
" erectum.—Mid. and Up. Dist.
" littorale.—Sea-beach.
tenue, Michx.—Lincoln and westward.
Virginianum, L.—Common.
arifolium, L. (Scratch Grass.)—Common.
sagittatum, L. (Tear Thumb.)—Do.
cilinode, Michx.—Summit of Black Mountain.
dumetorum, L. (False Buckwheat.)—Common.

FAGOPYRUM *esculentum*, Mœnch. (Buckwheat.)—Occasionally naturalized.

POLYGONELLA parvifolia, Michx.—Low. Dist.
articulata, Meisn.—Do.

RUMEX *crispus*, L. (Sour Dock.)—Very common.
verticillatus, L. (Swamp Dock.)—Low. Dist.
sanguineus, L. (Bloody Dock.)—Do. (*Croom.*)
obtusifolius, L. (Bitter Dock.)—All the Districts.
maritimus, L. (Golden Dock.)—Low. Dist. Rare.
Acetosella, L. (Sorrel.)—Common.

LAURACEÆ.

PERSEA Carolinensis, Nees. (Red Bay.)—Low. Dist.
" var: palustris.—Do.

Sassafras officinale, Nees. (Sassafras.)—Common.
Benzoin odoriferum, Nees. (Spice Bush. Fever Bush.)—Common.
melissefolium, Nees.—Low. Dist. (*Dr. McRee.*) Mid. Dist. (*Prof. Mitchell.*)
Tetranthera geniculata, Nees. (Pond Bush.)—Low. Dist. to Chatham county.

THYMELEACEÆ.

Dirca palustris, L. (Leather-wood.)—Mid. and Up. Dist. Rare.

SANTALACEÆ.

Comandra umbellata, Nutt. (Toad Flax.)—Mid. Dist.
Darbya umbellulata, Gray.—Lincoln County.
Buckleya distichophylla, Torr.—French Broad and Pigeon Rivers. (*Buckley. Nuttall.*)
Pyrularia oleifera, Gray. (Oil-nut. Buffalo-nut.)—Mountain sides.

LORANTHACEÆ.

Phoradendron flavescens, Nutt. (Misletoe.)—Common.

SAURURACEÆ.

Saururus cernuus, L. (Swamp Lilly. Lizard's Tail.)—Common.

CERATOPHYLLACEÆ.

Ceratophyllum demersum, L.—Low. Dist.

CALLITRICHACEÆ.

Callitriche verna, L. (Water Star-wort.)—Low. and Mid. Dist.

PODOSTEMACEÆ.

Podostemum ceratophyllum, Michx. (River Weed.)—Streams of Mid. and Up. Dist.

EUPHORBIACEÆ.

Euphorbia corollata, L. (Flowering Spurge.)—Common.
" var: angustifolia.—Low. Dist.
Curtisii, Engelm.—Low. Dist.
atrorubens, Engelm.—Cumberland Co. and southward.
obtusata, Pursh. (Warted Spurge.)—Low. Dist.
Darlingtonii, Gray.—Yancey and Haywood Counties.
Ipecacuanhæ, L. (Wild Ipecac.)—Low. Dist.
cyathophora, Jacq.—Low. Dist.
hypericifolia, L.—Common in waste grounds.
pubentissima, Michx.—Low. Dist.

EUPHORBIA maculata, L. (Spotted Spurge.)—Common in waste grounds.
cordifolia, Ell.—Low. Dist.
polygonifolia, L. (Shore Spurge.)—Sea-shore.
Lathyris, L. (Caper Spurge. Mole Plant.)—Up. Dist.
marginata, Pursh. (variegated Spurge.)—Mid. Dist.
STILLINGIA sylvatica, L (Queen's Delight.)—Low. Dist.
ligustrina, Michx.—Low. Dist. (*Dr. McRee.*)
ACALYPHA Virginica, L. (Three seeded Mercury.)—Common.
gracilens, Gray.—Low. Dist.
TRAGIA urticifolia, Michx.—Mid. Dist.
urens, L. (Nettle.)—Low. Dist.
CROTON maritimum, Walt.—Sea coast.
glandulosum, L.—Low. & Mid. Dist.
monanthogynum, Michx.—Surry & westward.
CROTONOPSIS linearis, Michx.—Lincoln, Co.
CNIDOSCOLUS stimulosus, Gray. (Tread softly.)—Low. & Mid. Dist.
RICINUS *communis*, L. (Castor-oil Plant.)—Near dwellings
PHYLLANTHUS Caroliniensis, Walt.—Mid. Dist.

URTICACEÆ.

URTICA gracilis, Ait. (Tall Nettle.)—Up. Dist.
capitata, Willd.—Low. to Up. Dist.
urens, L. (Stinging Nettle.)—Low. Dist.
LAPORTEA Canadensis, Gaud. (Wood Nettle.)—Up. Dist.
PILEA pumila, Gray. (Clear-weed.)—All the Districts.
PARIETARIA Pennsylvanica, Muhl. (Pellitory.)—Up. Dist.
debilis, Forst.—Low. Dist.
BŒHMERIA cylindrica, Willd. (False Nettle.)—Common.

CANNABINACEÆ.

CANNABIS *sativa*, L. (Hemp.)—About settlements.
HUMULUS Lupulus, L. (Hop.)—Rockingham to Cherokee.

MORACEÆ.

MORUS rubra, L. (Mulberry.)—Common.
alba, L. (White Mulberry.)—About Dwellings.
BROUSSONETIA *papyrifera*, Vent. (Otaheite Mulberry.)—Do.

ULMACEÆ.

ULMUS Americana, L. (Elm.)—All the Districts.

Ulmus fulva, Michx. (Slippery Elm.)—All the Districts.
alata, Michx. (Small-leaved Elm.)—Do.
Planera aquatica, Gmel. (Planer-Tree.)—South of Cape Fear River.
Celtis occidentalis, L. (Hackberry.)—All the Districts.
" var: pumila, (Dwarf Hackberry.)—Low. & Mid. Dist.

PLATANACEÆ.

Platanus occidentalis, L. (Sycamore.)—Common.

JUGLANDACEÆ.

Juglans nigra, L. (Black Walnut.)—Common.
cinerea, L. (White Walnut.)—Guilford & westward.
Carya alba, Nutt. (Shell-bark Hickory.)—Low. to Up. Dist.
sulcata, Nutt. (Thick Shell-bark H.)—W. part of the State.
tomentosa, Nutt. (White Hickory.)—Common.
glabra, Torr. (Pig-nut Hickory.)—All the Districts.
microcarpa, Nutt. (Small-nut H.)—Western Counties.
amara, Nutt. (Bitter-nut Hickory.)—Coast to the mountains.
aquatica, Nutt. (Water Bitter-nut H.)—Low. Dist.

CUPULIFERÆ.

Quercus alba, L. (White Oak.)—Common
obtusiloba, Michx. (Post Oak.)—Do.
lyrata, Walt. (Over-cup Oak.)—Low. Dist. to Chatham & Orange.
Prinus, L. (Swamp Chestnut Oak.)—Low. Dist.
" var: discolor, Michx. (Swamp White Oak.)—Mid. Dist.
" var: monticola, Michx. (Rock Chestnut Oak.)—Mid. & Up. Dist.
castanea, Willd. (Chestnut Oak.)—Low. & other (?) Districts.
prinoides, Willd. (Chinquapin Oak.)—All the Districts.
virens, Ait. (Live Oak.)—Sea-coast.
Phellos, L. (Willow Oak.)—Low. & Mid. Dist.
" var: heterophylla.—Alamance Creek.
laurifolia, Michx. (Laurel Oak.)—Do.
imbricaria, Michx. (Shingle Oak.)—Mountain streams.
" var: Leana.—Pigeon River.
cinerea, Michx. (Upland Willow Oak.)—Low. Dist.

QUERCUS cinerea var: pumila, (Running Oak.)—Do.
aquatica, Cates. (Water Oak.)—Coast to the mountains.
nigra, L. (Black Jack.)—Do.
falcata, Michx. (Spanish Oak.)—Common.
" var: pagodæfolia.—Low. Dist.
" triloba.—Do.
tinctoria, Bartr. (Black Oak.)—Low. ? and other Districts.
coccinea, Wang. (Scarlet Oak.)—All the Districts.
rubra, L. (Red Oak.)—Do.
Catesbæi, Michx. (Scrub Oak.)—Low. Dist.
ilicifolia, Wang. (Bear Oak.)—Mountains. Rare.
CASTANEA vesca, L. (Chestnut.)—Guilford and westward.
pumila, Michx. (Chinquapin.)—Coast to Cherokee.
" var: nana.—Low. Dist. to Wake.
FAGUS ferruginea, Ait. (Beech.)—All the Districts.
CORYLUS Americana, Walt. (Hazel-nut.)—Mountains.
rostrata, Ait. (Beaked Hazel-nut.)—Mid. and Up. Dist.
CARPINUS Americana, Michx. (Hornbeam.)—Common along streams.
OSTRYA Virginica, Willd. (Hop Hornbeam.)—Mid. and Up. Dist.

MYRICACEÆ.

MYRICA cerifera, L. (Wax Myrtle. Bayberry.)—Swamps of Low. Dist.
" var: pumila.—Barrens of Low. Dist.
COMPTONIA asplenifolia, Ait. (Sweet Fern.)—Franklin, Wake and Cumberland to the mountains.

BETULACEÆ.

BETULA nigra, L. (Red Birch.)—Common on rivers.
excelsa, Ait. (Yellow Birch.)—Black Mountain. Also mountains of Haywood. (*Buckley.*)
lenta, L. (Black Birch.)—Mountains.
ALNUS serrulata, Ait. (Alder.)—Common.
viridis, D. C. (Mountain Alder.)—Top of Roan Mountain.

SALICACEÆ.

SALIX nigra, Marsh. (Black or Swamp Willow.)—Common on streams.
tristis, Ait. (Gray Willow.)—Mountains.
humilis, Marsh. (Bush Willow.)—All the Districts.

sericea, Marsh. (Silky-leaved Willow.)—Low. Dist.?
Babylonica, Tourn. (Weeping Willow.)—About dwellings.
vitellina, Smith. (Yellow Willow.)—Do.

POPULUS angulata, Ait. (Carolina Poplar.)—Low. and Mid. Dist.
heterophylla, L. (Cotton Tree.)—Low. Dist.
grandidentata, Michx. (Large-toothed Aspen.)—Mid. Dist.
dilatata, Ait. (Lombardy Poplar.)—About settlements.

CONIFERÆ.

PINUS mitis, Michx. (Yellow or short-leaved Pine.)—Common.
inops, Ait. (Cedar or Scrub Pine.)—Mid. and Up. Dist.
pungens, Michx. (Prickly Pine.)—Pilot Mountain to Blue Ridge.
rigida, Mill. (Pitch Pine.)—Mid. and Up. Dist. Rare.
serotina, Michx. (Pond Pine.)—Low. and Mid. Dist.
Tæda, L. (Oldfield, Loblolly, & Slash Pine.)—Low. and Mid. Dist.
australis, Michx. (Long-leaf Pine.)—Low. Dist. Rare in the Middle.
Strobus, L. (White Pine.)—Mountains.

ABIES Fraseri, Pursh. (Balsam Fir.)—Highest mountains.
nigra, Poir. (Black Spruce.)—Do.
alba, Michx? (White Spruce.)—Do.
Canadensis, Michx. (Hemlock. Spruce Pine.)—Mountains.

CUPRESSUS thyoides, L. (White Cedar. Juniper.)—Low. Dist.

TAXODIUM distichum, Rich. (Cypress.)—Do.
" var: imbricaria, Nutt.—Do.

THUJA occidentalis, L. (Arbor Vitæ.)—Mountains. Rare.

JUNIPERUS Virginiana, L. (Red Cedar.)—Common.

CLASS II. ENDOGENOUS PLANTS.

PALMACEÆ.

Sabal Palmetto, R. & S. (Palmetto.)—Cape Fear & southward.
Adansonii, Guerns. (Dwarf Palmetto.)—Low. Dist.

ARACEÆ.

Arisæma triphyllum, Torr. (Indian Turnip.)—Common.
Dracontium, Schott. (Dragon Root.)—Mid. Dist.
polymorphum, Chapm.—French Broad River. (*Buckley.*)
Peltandra Virginica, Raf. (Arrow Arum.)—Lincoln Co.
Xanthosoma sagittifolium, Schott. (Spoon Flower.)—Wilmington.
Symplocarpus fœtidus, Salisb. (Skunk Cabbage.)—Near Raleigh.
Orontium aquaticum, L. (Golden Club. Water Dock.)—Coast to Cherokee.
Acorus Calamus, L. (Calamus.)—All the Districts.

LEMNACEÆ.

Lemna minor, L. (Duck-weed.)—Low. & Mid. Dist.
polyrhiza, L.—Low. Dist.

TYPHACEÆ.

Typha latifolia, L. (Cat-tail.)—Common.
Sparganium ramosum, Huds. (Bur Reed.)—Low. & Mid. Dist.

NAIADACEÆ.

Naias flexilis, Rotsk.—Low. Dist.
Zostera marina, L. (Sea-wrack.)—Salt water.
Zannichellia palustris, L.—Low. Dist.
Ruppia maritima, L. (Ditch Grass.)—Low. Dist.
Potamogeton pectinatus, L. (Pond-weed.)—Low. Dist.
pauciflorus, Pursh.—Low. & Mid. Dist.
perfoliatus, L.—Low. Dist.
lucens, L.—Low. & Mid. Dist.
fluitans, Roth.—Low. & Mid. Dist.
heterophyllus, Schreb.—Low. & Mid. Dist.
hybridus, Michx.—Do.

ALISMACEÆ.

Alisma Plantago, L. (Water Plantain.)—Common.

TRIGLOCHIN triandrum, Michx. (Arrow Grass.)—Low. Dist.
ECHINODORUS radicans, Engelm.—Low. Dist.
SAGITTARIA variabilis, Engelm. (Arrow-leaf.)—Common.
falcata, Pursh.—Low. Dist.
heterophylla, Pursh.—Low. Dist.
simplex, Pursh.—Do.
natans, Michx.—Do.
pusilla, Nutt.—Do.

HYDROCHARIDACEÆ.

ANACHARIS Canadensis, Planch. (Water-weed.)—Valley River, Cherokee.
VALLISNERIA spiralis, L. (Tape Grass.)—Near Newbern. (*Croom.*)
LIMNOBIUM Spongia, Rich. (Frog-bit.)—Low. Dist.

BURMANNIACEÆ.

BURMANNIA biflora, L.—Low. Dist.
capitata, Chapm.—Do.

ORCHIDACEÆ.

MICROSTYLIS ophioglossoides, Nutt. (Adder's Mouth.)—All the Districts.
LIPARIS liliifolia, Rich. (Twayblade.)—Low. and Up. Districts.
CORALLORHIZA odontorhiza, Nutt. (Coral Root.)—Mid. and Up. Dist.
innata, R. Br.—Up. Dist.
APLECTRUM hiemale, Nutt. (Putty Root.)—Macon Co. (*Buckley.*)
CALOPOGON pulchellus, R. Br. (Bearded Pink.)—Common.
parviflorus, Lindl.—Low. Dist.
" var: albus.—Do.
TIPULARIA discolor, Nutt. (Crane-Fly Orchis.)—Low. and Mid. Dist.
BLETIA aphylla, Nutt.—Low. Dist. (*Dr. McRee.*) Mid. Dist. (*Dr. Hunter.*)
POGONIA ophioglossoides, Nutt.—Low. Dist. to Mountains.
pendula, Lindl.—Mid. and Up. Dist.
divaricata, R. Br.—Low. and Up. Dist.
verticillata, Nutt.—Low. Dist. (*Geo. Wilson.*)
ARETHUSA bulbosa, L.—Mountains. (*Michaux.*)
ORCHIS spectabilis, L. (Showy Orchis.)—Davidson county and westward.

Gymnadenia flava, Lindl. Macon and Cherokee.
tridentata, Lindl.—Mountains.
Platanthera orbiculata, Lindl. (Round-leaved Orchis.)—Mountains.
flava, Gray. (Yellow Orchis.)—Low. Dist.
bracteata, Tor. (Green Orchis.)—Mountains.
ciliaris, Lindl. (Yellow Fringed-Orchis.)—Common.
blephariglottis, Lindl. (White Fringed-Orchis.)—Low. and Mid. Dist.
cristata, Lindl. (Crested Orchis.)—Coast to Mountains.
lacera, Gray. (Ragged Orchis.)—Up. Dist.
psycodes, Gray. (Small Purple Fringed-Orchis.)—Mid. and Up. Dist.
fimbriata, Lindl. (Large Purple Fringed-Orchis.)—Mountain Swamps.
peramœna, Gray. (Great Purple Orchis.)—Mid. and Up. Dist.
Habenaria repens, Nutt.—Low. Dist.
Spiranthes cernua, Rich. (Lady's Tresses.)—Common.
odorata, Nutt.—Low. Dist.
tortilis, Willd.—Common.
gracilis, Bigel.—Low. Dist.
Goodyera pubescens, R. Br. (Rattlesnake Plantain.)—Lincoln and westward.
repens, R. Br.—Mountains.
Listera australis, Lindl. (Twayblade.)—Low. Dist.
convallarioides, Hook.—Mountains.
Pontiieva glandulosa, R. Br.—Low. Dist.
Cypripedium pubescens, Willd. (Yellow Lady's Slipper.)—Mid. and Up. Dist.
parviflorum, Salisb.—Mountains. (*Michaux.*)
spectabile, Swartz.—Mountains.
acaule, Ait. (Purple Lady's Slipper.)—All the Districts.

AMARYLLIDACEÆ.

Amaryllis Atamasco, L. (Atamasco Lily.)—Low. and Mid. Dist.
Pancratium rotatum, Ker.—Low. and Mid. Dist.
Agave Virginica, L. (False Aloe.)—Mid. and Up. Dist.
Hypoxys erecta, L. (Yellow Star-grass.)—Common.

HÆMODORACEÆ.

Lachnanthes tinctoria, Ell. (Red Root.)—Low. Dist.
Lophiola aurea, Ker.—Low. Dist.
Aletris farinosa, L. (Star-grass. Colic-root.)—Common.
aurea, Walt.—Low. and Mid. Dist.

BROMELIACEÆ.

Tillandsia usneoides, L. (Long Moss.)—Low. Dist.

IRIDACEÆ.

Iris versicolor, L. (Blue Flag.)—Common.
tripetala, Walt.—Low. Dist.
Virginica, L.—All the Districts.
cristata, Ait. (Crested Iris.)—Mid. and Up. Dist.
verna, L. (Dwarf Iris.)—Low. and Mid. Dist.
Pardanthus *Chinensis*, Ker. (Blackberry Lily.)—Mid. Dist.
Sisyrinchium Bermudiana, L. (Blue-eyed Grass. Pepper Grass.)—Common.

DIOSCOREACEÆ.

Dioscorea villosa, L. (Wild Yam.)—Low. and Mid. Dist.

SMILACEÆ.

Smilax rotundifolia, L. (Bamboo.)—Common.
tamnoides, L.—Low. and Mid. Dist.
Pseudo-China, L. (China Root.)—Common.
glauca, Walt. (Sarsaparilla.)—Do.
Walteri, Pursh. (Red-berried Bamboo.)—Low. Dist.
lanceolata, L.—Low. Dist.
laurifolia, L.—Do.
auriculata, Walt.—On the Coast.
Coprosmanthus herbaceus, Kth. (Carrion Flower.)—Mid. Dist.
pedunculatis, Kth.—Low. and Mid. Dist.
tamnifolius, Kth.—Do.
Trillium sessile, L. (Wake Robin.)—Davidson and westward.
cernuum, L.—Mid. and Up. Dist.
stylosum, Nutt.—Mid. Dist.
erythrocarpum, Michx. (Wild Pepper.)—Mountains.
grandiflorum, Salisb.—Mountains.
erectum, L.—Mountains.
pusillum, Michx.—Low. Dist.
Medeola Virginica, L. (Cucumber Root.)—Lincoln and westward.

LILIACEÆ.

Lilium superbum, L. (Turk's-cap Lily.)—Mountains.
" var: Carolinianum.—Mid. and Up. Dist.
Canadense, L. (Yellow Lily.)—Mountains.
Philadelphicum, L. (Orange Lily.)—Do.
Catesbæi, Walt. (Southern Lily.)—Low. Dist. to Wake Co.
Yucca aloifolia, L. (Spanish Bayonet.)—Low. Dist.
gloriosa, L.—Sea-coast.
filamentosa, L. (Bear Grass.)—All the Districts.
recurvifolia, Salisb.—"Sandy fields, N. Car." (*Nuttall.*)
Erythronium Americanum, Smith. (Yellow Adder's Tongue.)—Mid. and Up. Dist.
Polygonatum biflorum, Ell. (Solomon's Seal.)—Common.
Smilacina racemosa, Desf. (False Spikenard.)—Mid. and Up. Dist.
bifolia, Ker.—Mid. and Up. Dist.
Convallaria majalis, L. (Lily of the Valley.)—Mountains.
Clintonia umbellata, Torr.—Mountains.
borealis, Raf.—Do.
Allium tricoccum, Ait. (Ramps.)—Mountains.
cernuum, Roth.—Do.
Canadense, Kalm.—Low. and Mid. Dist.
striatum, Jacq.—Low. Dist. to Wake.
vineale, L. (Wild Onion.)—Fields in Low. and Mid. Dist.

MELANTHACEÆ.

Melanthium Virginicum, L. (Bunch Flower.)—All the Districts.
Zygadenus glaberrimus, Michx.—Low. Dist.
leimanthoides, Gray.—Mountains.
Stenanthium angustifolium, Gray.—All the Districts.
Veratrum viride, L. (Big Hellebore. Bear Corn.)—Mountains.
parviflorum, Michx.—Mountains.
Amianthium muscætoxicum, Gray. (Fall Poison. Hellebore. Crow Poison.)—Common,
angustifolium, Gray.—Low. Dist.
Xerophyllum asphodeloides, Gray.—Table Mountain.
Chamælirium luteum, Gray. (Blazing Star. Devil's bit.)—Common.
Pleea tenuifolia, Michx.—Low. Dist.
Tofieldia glabra, Nutt. (False Asphodel.)—Low. Dist.
pubens, Ait.—Common.

Tofieldia glutinosa, Willd.—Mountains.
Uvularia perfoliata, L. (Bell-wort.)—Mid. Dist.
grandiflora, Smith.—Mountains.
sessilifolia, L.—Common.
puberula, Michx.—Mid. and Up. Dist.
Prosartes lanuginosa, Don.—Mountains.
Streptopus roseus, Michx.—Do.

JUNCACEÆ.

Juncus effusus, L. (Bog Rush.)—Common.
setaceus, Rostk.—Low. and Mid. Dist.
maritimus, Lam.—Brackish marshes.
tenuis, Willd.—Common.
Gerardi, Lois.—Brackish marshes.
dichotomus, Ell.—Low. and Mid. Dist.
scirpoides, Lam.—Do.
polycephalus, Ell.—Common.
paradoxus, Meyer.—Low. Dist.
debilis, Gray.—Low. Dist.
acuminatus, Michx.—Do.
Elliottii, Chapm.—Do.
Conradi, Tuck.—Do.
marginatus, Rostk.—Low. and Mid. Dist.
" var: cylindricus.—Lincoln County.
bufonius, L.—Low. Dist.
Luzula campestris, D. C.—Common.
pilosa, Willd.—Mountains.
Cephaloxys flabellata, Desv.—Low. Dist.

PONTEDERIACEÆ.

Pontederia cordata, L. (Pickerel Weed.)—Common.
Schollera graminea, Willd. (Water Star Grass.)—Surry and westward.
Heteranthera reniformis, R. & P. (Mud Plantain.)—N. Carolina. (*Prof. Darby.*)

COMMELYNACEÆ.

Commelyna communis, L. (Day Flower.)—Low. Dist.
Virginica, L.—Common.
erecta, L.—Mid. and Up. Dist.

TRADESCANTIA Virginica, L. (Spider-wort.)—Mountains.
rosea, Vent.—Low. Dist.

MAYACACEÆ.

MAYACA Michauxii, S. & E.—Low. Dist.

XYRIDACEÆ.

XYRIS brevifolia, Michx. (Yellow-eyed Grass.)—Low. and Mid. Dist.
ambigua, Beyr.—Low. Dist.
flexuosa, Muhl.—Up. Dist.
Caroliniana, Walt.—Common.
fimbriata, Ell.—Low. Dist.
torta, Smith.—Low. and Mid. Dist.
tenuifolia, Chapm.—Low. Dist.
Baldwiniana, R. & S.—Low. Dist.

ERIOCAULONACEÆ.

ERIOCAULON decangulare, L. (Pipe-wort.)—Low. and Mid. Dist.
gnaphalodes, Michx.—Low. Dist.
PÆPALANTHUS flavidulus, Kth. (Yellow Pipe-wort.)—Low. Dist.
LACHNOCAULON Michauxii, Kth. (Hairy Pipe-wort.)—Low. and Mid. Dist.

CYPERACEÆ. (Sedge Grasses.)

CYPERUS flavescens, L.—Mid. Dist.
diandrus, Torr.—Common.
Nuttallii, Torr.—Low. Dist.
microdontus, Torr.—Mid. Dist.
Gatesii, Torr.—Low. Dist.
strigosus, L.—Common.
speciosus, Vahl.—Low. Dist.
stenolepis, Torr.—Do.
Michauxianus, Schultes.—Do.
" var: ? elongatus, Torr.—Up. Dist.
tetragonus, Ell.—Low. Dist.
repens, Ell.—Do.
rotundus, L. (Nut Grsss.)—Low. and Mid. Dist.
Haspan, L.—Low. and Mid. Dist.
dentatus, Torr.—Low. and Mid. Dist.
virens, Michx.—Low. and Mid. Dist.
vegetus, Willd.—Low. Dist.

CYPERUS inflexus, Muhl.—Mid. Dist.
compressus, L.—Low. Dist.
filiculmis, Vahl.—Do.
Grayii, Torr.—Do.
ovularis, Torr.—Low. and Mid. Dist.
retrofractus, Torr.—Common.
Baldwinii, Torr.—Low. Dist.
erythrorhizos, Muhl.—Low. and Mid. Dist.
KYLLINGIA pumila, Michx.—Common.
LIPOCARPHA maculata, Torr.—Low. and Mid. Dist.
HEMICARPHA subsquarrosa, Nees.—Mid. Dist.
DULICHIUM spathaceum, Rich.—Low. and Mid. Dist.
FUIRENA squarrosa, Michx. (Umbrella Grass.)—Low. and Mid. Dist.
" var: hispida.—Mid. Dist.
ELEOCHARIS equisetoides, Torr. (Spike Rush.)—Low. Dist.
quadrangulata, R. Br.—Do.
tuberculosa, R. Br.—Low. and Mid. Dist.
simplex, Torr.—Do.
prolifera, Torr.—Low. Dist.
intermedia, Torr.—Mid. Dist.
rostellata, Torr.—Low. Dist.
melanocarpa, Torr.—Do.
tricostata, Torr.—Do.
tenuis, Schultes.—Mid. Dist.
microcarpa, Torr.—Low. Dist.
olivacea, Torr.—Sea-coast.
palustris, R. Br.—Low. Dist.
obtusa, Schultes.—Common.
acicularis, R. Br.—Low. Dist.
pygmæa, Torr.—Near the Coast.
Baldwinii, Torr.—Do.
SCIRPUS cæspitosus, L. (Bulrush.)—Mountains.
debilis, Pursh.—All the Districts.
pungens, Vahl. (Sword Grass.)—Near the Coast.
Olneyi, Gray.—Brackish marshes.
lacustris, L.—Low. Dist.
maritimus, L.—Salt Marshes.
polyphyllus, Vahl.—Mid. Dist.
Eriophorum, Michx.—Common.
lineatus, Michx.—Low. Dist.

ERIOPHORUM Virginicum, L. (Cotton Grass.)—Common.
polystachyon, L.—Mountain swamps.
FIMBRISTYLIS spadicea, Vahl.—Low. and Mid. Dist.
" var: puberula.—Low. Dist.
laxa, Vahl.—Mid. and Up. Dist.
TRICHELOSTYLIS autumnalis, Chapm.—Common.
ISOLEPIS capillaris, R. & S.—Low. and Mid. Dist.
ciliatifolia, Torr.—Low. Dist.
stenophylla, Torr.—Low. Dist.
RHYNCHOSPORA plumosa, Ell. (Tick-seed Grass.)—Low. Dist.
oligantha, Gray.—Low. Dist.
rariflora, Ell.—Do.
Torreyana, Gray.—Do.
cymosa, Nutt.—Mid. Dist.
microcarpa, Baldw.—Low. Dist.
inexpansa, Vahl.—Do.
caduca, Ell.—Do.
miliacea, Gray.—Do.
Grayii, Kth.—Do.
megalocarpa, Gray.—Do.
Baldwinii, Gray.—Do.
ciliata, Vahl.—Do.
fascicularis, Nutt.—Do.
" var: distans.—Do.
filifolia, Gray.—Do.
pallida, M. A. C.—Do.
alba, Vahl.—Low. and Mid. Dist.
gracilenta, Gray.—Do.
glomerata, Vahl.—Common.
" var: paniculata.—Do.
cephalantha, Gray.—Low. Dist.
Chapmanii, M. A. C.—Do.
CERATOSCHÆNUS macrostachyus, Gray. (Horned Rush.)—Low. Dist.
corniculatus, Nees.—Low. Dist.
PSILOCARYA rhynchosporoides, Torr. (Bald Rush.)—Low. Dist.
CLADIUM effusum, Torr. (Saw Grass.)—Low. Dist.
mariscoides, Torr. (Twig Rush.)—Do.
DICHROMENA latifolia, Baldw.—Low. Dist.
leucocephala, Michx.—Do.

SCLERIA triglomerata, Michx. (Nut Rush.)—Common.
reticularis, Michx.—Low. Dist.
laxa, Torr.—Common.
Elliottii, Chapm.—Low. and Mid. Dist.
pauciflora, Muhl.—Mid. Dist.
gracilis, Ell.—Low. Dist.
verticillata, Muhl.—Do.

CAREX bromoides, Schk. (Sedge Grass.)—Low. Dist.
decomposita, Muhl.—Mid. Dist.?
vulpinoidea, Michx.—Low. and Mid. Dist.
stipata, Muhl.—Do.
sparganioides, Muhl.—Mid. Dist.
Muhlenbergii, Schk.—Low. and Mid. Dist.
cephalophora, Muhl.—Mid. Dist.
rosea, Schk.—Do.
retroflexa, Muhl.—Mountains.
stellulata, Good.—Common.
canescens, L.—Mountains. (*Buckley.*)
scoparia, Schk.—Common.
" var: lagopodioides.—Do.
straminea, Schk.—Do.
" var: festucacea.—Up. Dist.
fœnea, Muhl.—Low. Dist.
" var: alata.—Do. (*Croom.*)
torta, Boott.—Macon County.
stricta, Good.—Common.
crinita, Lam.—Common.
" var: gynandra.—Low. Dist.
Mitchelliana, M. A. C.—Chatham County.
polytrichoides, Muhl.—Common.
Fraseri, Sims.—High mountains.
Willdenovii, Schk.—Up. Dist.
squarrosa, L.—Mid. Dist.
Buxbaumii, Wahl.—Mountains. (*Prof. Gray.*)
hirsuta, Willd.—Common.
triceps, Michx.—Mid. Dist.
virescens, Muhl.—Mountains.
æstivalis, M. A. C. (Winter Grass.)—Mountains.
gracillima, Schwein.—Low. Dist.
Davisii, Schw. & Torr.—Mountains.

CAREX miliacea, Muhl.—Lincoln to Cherokee.
filiformis, L.—Mountain swamps.
vestita, Willd.—Up. Dist.
polymorpha, Muhl.—Swamps of Low. and Up. Dist.
dasycarpa, Muhl.—Low. Dist.
Pennsylvanica, Lam.—Common.
" var: Muhlenbergii.—Up. Dist.
lucorum, Willd.
" var: nigromarginata.—Mid. Dist.
" var: Emmonsii.—Low. and Mid. Dist.
grisea, Wahl.—Mid. Dist.
" var: mutica.—Low. Dist.
granularis, Muhl.—Low. Dist.
conoidea, Schk.—Common.
tetanica, Schk.—Mountains.
laxiflora, Lam.—Common.
" var: striatula.—Mid. and Up. Dist.
styloflexa, Buckl.—Mid. and Up. Dist.
digitalis, Willd.—Do.
oligocarpa, Schk.—Common.
plantaginea, Lam.—Mountains. (*Prof. Gray.*)
Caroliniana, Buckl.—Mountains.
venusta, Dew.—Low. Dist.
debilis, Michx.—Common.
juncea, Willd.—Roan Mountain. (*Buckley.*)
scabrata, Schwein.—Mountains.
flacca, Schreb.—Mid. Dist.
glaucescens, Ell.—Low. Dist.
verrucosa, Ell.—Do.
comosa, Boott.—Do.
hystricina, Muhl.—Mountains.
tentaculata, Muhl.—Common.
gigantea, Rudge.—Up. Dist.
lupulina, Muhl.—Common.
subulata, Michx.—Low. Dist.
folliculata, L.—Common.
turgescens, Torr.—Low. Dist.
Elliottii, Schw. & Tor.—Do.
intumescens, Rudge.—Up. Dist.
striata, Michx.—Low. Dist.?

CAREX riparia, Curt.—Low. Dist.
bullata, Schk.—Mid. Dist.?

GRAMINEÆ. (Grasses.)

LEERSIA oryzoides, Swartz. (Rice Grass.)—Common.
Virginica, Willd.—Common.
lenticularis, Michx.—Islands of the Roanoke. (*Pursh.*)

ZIZANIA aquatica, L. (Wild Rice.)—Low. Dist.
miliacea, Michx. (Wild Oats.)—Low. and Mid. Dist.

HYDROCHLOA Carolinensis, Beauv.—Low. Dist.

ALOPECURUS *geniculatus*, L. (Floating Foxtail.)—Swampy Grounds.
pratensis, L. (Meadow Foxtail.)—Meadows.

PHLEUM *pratense*, L. (Timothy.)—Meadows.

POLYPOGON *maritimus*, Willd. (Beard Grass.)—Sea-coast.

SPOROBOLUS junceus, Kth. (Wire Grass.)—Low. and Mid. Dist.
Indicus, Br.—Do.
Virginicus, Kth.—Mid. Dist.

VILFA aspera, Beauv.—Low. and Mid. Dist.
vaginæflora, Torr.—Mid. Dist.

AGROSTIS elata, Trin. (Tall Thin Grass.)—Common.
perennans, Gray. (Thin Grass.)—Common.
scabra, Willd. (Hair Grass.)—Do.
alba, L. (Bent Grass. Herd's Grass.)—Common.
rupestris, All.—Mountains.

CINNA arundinacea, L. (Wood Reed Grass.)—Common.
" var: pendula.—Mountains.

MUHLENBERGIA Mexicana, Trin. (Drop-seed Grass.)—Mid. and Up. Dist.
Willdenovii, Trin.—Mountains.
diffusa, Schreb. (Nimble Will.)—Common.
capillaris, Kth. (Hair Grass.)—Near the coast.
trichopodes, Chapm.—Low. and Mid. Dist.

BRACHYELYTRUM aristatum, Beauv.—Mountains.

CALAMAGROSTIS coarctata, Torr. (Reed Bent Grass. Wild Oats.)—Common.
arenaria, Roth.—Sea-beach.

STIPA avenacea, L. (Feather Grass.)—Low. and Mid. Dist.

ARISTIDA lanata, Poir. (Three-awned Grass.)—Low. and Mid. Dist.
purpurascens, Poir.—Common.
gracilis, Ell.—Do.

ARISTIDA virgata, Trin.—Low. Dist.
stricta, Michx. (Wire Grass.)—Low. Dist.
dichotoma, Michx. (Poverty Grass.)—Mid. Dist.
spiciformis, Ell.—Low. Dist.
oligantha, Michx.—Do.
SPARTINA juncea, Willd.—Sea coast.
polystachya, Willd.—Low. Dist.
glabra, Muhl. (Marsh Grass.)—Salt Marshes.
GYMNOPOGON racemosus, Beauv.—Common.
" var: filiformis.—Low. and Mid. Dist.
EUSTACHYS petræa, Desv.—Sea coast.
CYNODON *Dactylon*, Pers. (Bermuda Grass. Reed Grass.)—Low. and Mid. Dist.
CTENIUM Americanum, Spreng. (Lemon Grass.)—Low. Dist. to Wake Co.
DACTYLOCTENIUM *Aegyptiacum*, Willd. (Egyptian Grass.)—Do.
ELEUSINE *Indica*, Gært. (Goose Grass.)—Common.
LEPTOCHLOA mucronata, Kth.—Common in cult. grounds.
polystachya, Kth.—Brackish marshes.
TRICUSPIS seslerioides, Torr.—Common in old fields.
TRIPLASIS Americana, Beauv. (Sand Grass.)—Low. Dist.
purpurea, Chapm.—Low. Dist.
EATONIA obtusata, Gray.—Common.
Pennsylvanica, Gray.—Mid. and Up. Dist.
MELICA mutica, Walt. (Melic Grass.)—Common.
GLYCERIA nervata, Trin.—All the Districts.
pallida, Trin.—Up. Dist. (*Dr. Hunter.*)
fluitans, R. Br.—Low. and Up. Dist.
ARUNDINARIA gigantea, Chapm. (Cane.)—Low. Dist.
tecta, Muhl. (Reed.)—Common.
BRIZOPYRUM spicatum, Hook. (Spike Grass.)—Sea coast.
POA annua, L. (Spear Grass. May Grass.)—Common.
flexuosa, Muhl.—Common.
pratensis, L. (Blue Grass.)—Common.
compressa, L.—All the Districts.
DACTYLIS *glomerata*, L. (Orchard Grass.)—All the Districts.
ERAGROSTIS reptans, Nees.—Mid. and Up. Dist.
megastachya, Link.—Common.
Purshii, Schrad.—Do.

ERAGROSTIS tenuis, Gray.—Do.
capillaris, Nees.—Mid. Dist.
pectinacea, Gray.—Common.
" var: refracta.—Low. and Mid. Dist.
FESTUCA Myurus, L. (Fescue Grass.)—Low. and Mid. Dist.
tenella, Willd.—Do.
duriuscula, L.—Sea coast.
elatior, L.—Low. and Mid. Dist.
nutans, Willd.—Common.
BROMUS *secalinus*, L. (Cheat. Chess.)—Wheat fields.
ciliatus, L.—Mid. and Up. Dist.
" var: purgans.—Do.
UNIOLA latifolia, Michx.—Mid. and Up. Dist.
paniculata, L. (Beach Grass.)—Sea-beach.
gracilis, Michx.—Common.
HORDEUM pusillum, Nutt.—Low. Dist. (*W. M. Canby.*)
ELYMUS Virginicus, L. (Rye Grass.)—Common.
striatus, Willd.—Mountains.
GYMNOSTICHUM Hystrix, Schreb. (Bottle Brush.)—Mid. and Up. Dist.
LOLIUM *temulentum*, L. (Darnel.)—Mid. Dist.
AIRA flexuosa, L. (Hair Grass.)—Mountains.
TRISETUM palustre, Torr.—Low. and Mid. Dist.
molle, Kth.—Roan Mountain.
DANTHONIA spicata, Beauv. (Wild Oat Grass.)—Common.
sericea, Nutt.—Low. and Mid. Dist.
ARRHENATHERUM *avenaceum*, Beauv. (Tall Oat Grass.)—Mid. Dist. in meadows.
HOLCUS *lanatus*, L. (Velvet Grass.)—Common. In meadows.
ANTHOXANTHUM *odoratum*, L. (Sweet-scented Grass.)—Do.
PHALARIS intermedia, Bosc. (Southern Canary Grass.)—Low. Dist.
PASPALUM fluitans, Kth.—Lincoln Co. Also Gaston Co.? (*Dr. Hunter.*)
Walteri, Schultes.—Low. Dist.
Digitaria, Poir.—Do.
distichum, L. (Joint Grass.)—Low. and Mid. Dist.
præcox, Walt.—Low. Dist. to Wake.
læve, Michx.—Common.
Floridanum, Michx.—Low. and Mid. Dist.
racemulosum, Nutt.—Coast to Cherokee.

PASPALUM undulatum, Poir.—Low. and Mid. Dist.
ciliatifolium, Michx.—Common.
AMPHICARPUM Purshii. Kth.—Near Newbern. (*Croom.*)
PANICUM *sanguinale*, L. (Crab Grass)—Common.
filiforme, L.—Common.
gibbum, Ell.—Low. Dist.
Curtisii, Chapm.—Do.
hians, Ell.—Low. and Mid. Dist.
anceps, L.—Common.
virgatum, L.—Do.
amarum, Ell.—On the coast.
proliferum, Lam.—Common.
capillare, L.—Do.
divergens, Muhl.—Low. Dist.
verrucosum, Muhl.—Common.
latifolium, L.—Mid. and Up. Dist.
clandestinum, L.—Mid. Dist.
scoparium, L.—Common.
pauciflorum, Ell?—Low. Dist.
viscidum, Ell.—Low. Dist.
scabriusculum, Ell.—Do.
microcarpon, Muhl.—Mid. Dist.
dichotomum, L.—Common.
commutatum, Schultes.—Low. and Mid. Dist.
depauperatum, Muhl.—Do.
ignoratum, Kth.—Low. Dist.
rufum, Kth.—Do.
Crus-Galli, L.—Common.
" var: hispidum.—Do.
Walteri, Ell.—Low. and Mid. Dist.
hirtellum, L.—Near the coast.
SETARIA *verticillata*, Beauv.—Low. Dist.
glauca, Beauv. (Foxtail.)—Common.
Italica, Kth. (Italian Millet.)—Near Wilmington.
CENCHRUS tribuloides, L. (Sand-spur.)—On the coast.
ROTTBŒLLIA rugosa, Nutt.—Near Newbern. (*Croom & Wilson.*)
TRIPSACUM dactyloides, L. (Gama Grass.)—Low. and Mid. Dist.
ANDROPOGON scoparius, Michx. (Broom Grass.)—Low. and Mid. Dist.

ANDROPOGON furcatus, Muhl.—Common.
tetrastachyus, Ell.—Common.
" var: distachyus.—Low. Dist.
Elliottii, Chapm.—Low. Dist.
Virginicus, L.—Do.
" var: vaginatus.—Low. Dist. to Wake Co.
macrourus, Michx.—Low. and Mid. Dist.
ternarius, Michx.—Mountains. (*Michaux.*)
ERIANTHUS alopecuroides, Ell.—Coast to Cherokee.
brevibarbis, Michx.—Mid. Dist.
SORGHUM avenaceum, Chapm. (Indian Grass.)—Common.
Halapense, Pers. (Cuba Grass.)—Low. and Mid. Dist.
nutans, Gray. (Wood Grass.)—Common.

FLOWERLESS PLANTS.

EQUISETACEÆ.

EQUISETUM lævigatum, Braun. (Horse-tail.)—Low. and Mid. Dist.

FILICES. (FERNS.)

POLYPODIUM vulgare, L. (Polypod.)—Mid. and Up. Dist.
hexagonopterum, Michx.—Lincoln and westward.
incanum, Swartz.—Common.

PTERIS aquilina, L. (Brake.)—Do.

PELLÆA atropurpurea, Link. (Rock Brake.)—Mountains.

CHEILANTHES vestita, Swartz. (Lip Fern.)—Wake Co. to Mountains.
tomentosa, Link.—Mountains.

ADIANTUM pedatum, L. (Maiden-hair. Hair Fern.)—[illegible]

WOODWARDIA angustifolia, Smith.—Low. Dist.
Virginica, Willd.—Do.

CAMPTOSORUS rhizophyllus, Link. (Walking leaf.)—Mountains.

ASPLENIUM pinnatifidum, Nutt. (Spleen-wort.)—Do.
Trichomanes, L.—Lincoln and westward.
ebeneum, Ait.—Common.
angustifolium, Michx.—Mountains.
montanum, Willd.—Orange Co. to Mountains.
Ruta-muraria, L.—Mountains.
thelypteroides, Michx.—Do. (*Michaux.*)
Filix-fœmina, Bernh.—Common.

CYSTOPTERIS fragilis, Bernh. (Bladder Fern.)—Mountains.
bulbifera, Bernh.—Mountains.

ASPIDIUM Thelypteris, Swartz. (Wood Fern.)—Up. Dist.
Noveboracense, Willd.—Mid. and Up. Dist.
spinulosum, Swartz.—Mountains.
" var: dilatatum.—Do.
marginale, Swartz.—Do.
acrostichoides, Swartz.—Common.

ONOCLEA sensibilis, L. (Sensitive Fern.)—Common.

WOODSIA Ilvensis, R. Br.—Mountains.
obtusa, Torr.—Do.

Dicksonia pilosiuscula, Kunze.—Do.
Lygodium palmatum, Swartz. (Climbing Fern.)—Mountains. (*Buckley.*)
Osmunda regalis, L. (Flowering Fern.)—Common.
Claytoniana, L.—Mountains.
cinnamomea, L.—Common.
Botrychium Virginicum, Swartz. (Moonwort.)—Mountains.
lunarioides, Swartz.—All the Districts.
Ophioglossum vulgatum, L. (Adder's Tongue.)—Up. Dist.

LYCOPODIACEÆ.

Lycopodium lucidulum, Michx.—Mountains.
Selago, L.—Do.
alopecuroides, L.—Low. Dist. to Wake.
clavatum, L. (Club Moss.)—Mountains.
dendroideum, Michx. (Ground Pine.)—Do.
Carolinianum, L.—Low. Dist.
complanatum, L.—Mountains.
Selaginella rupestris, Spring.—Low. and Up. Dist.
apus, Spring.—Common.

HYDROPTERIDES.

Azolla Caroliniana, Willd.—Low. Dist.

MUSCI OR MOSSES.

Sphagnum cymbifolium, Dill.—Common. Bogs and Swamps.
compactum, Brid.—Up. Dist. Springy places.
Lescurii, Sull.—Low. and Up. (Lesquereux.) Wet ground.
Schraderi, Sull.—(Sull.) Wet ground.
humile, Schimp.—Up. (Lesq.) Wet ground.
cyclophyllum, Sull.—Low. and Up.? Swamps.
sedoides, Brid.—Mountains. (Lesq.) Springy places.
macrophyllum, Bernh.—Low. Swamps.
acutifolium, Ehrh.—Common. Morasses.
molle, Sull.—Mountains. (Gray.) Wet places.
cuspidatum, Ehrh.—Common. Swamps.
tabulare, Sull.—Mountains. (Sulliv.) Wet rocks.

ANDRÆA rupestris, Turn.—Mountains. (Sull.) On rocks.
PHASCUM serratum, Schreb.—(Sull.) Damp ground.
crassinervium, Schwægr.—(Sull.) Earth in woods.
cohærens, Hedw.—(Sull.) River banks.
patens, Hedw.—(Sull.) On clay soil.
muticum, Schreb.—Mid. Naked earth.
subulatum, Schreb.—(Sull.) Earth.
crispum, Hedw.—(Sull.) Do.
BRUCHIA flexuosa, Schwægr.—Low. Sides of ditches.
brevifolia, Sull.—Low. Earth.
Ravenelii, Wils.—Low. Grassy land.
WEISIA viridula, Brid.—Common. Grass lands.
RHABDOWEISIA denticulata, Br. & Sch.—Mts. (Sulliv.) On rocks.
CAMPYLOPUS flexuosus, Brid.—Mts. (Sulliv.) Rocks.
TREMATODON longicollis, Rich.—Mid. and Up. Clayey soil.
DICRANUM varium, Hedw.—Mid. and Up. Clay banks.
heteromallum, Hedw.—Common. Wet ground.
interruptum, Br. & Sch.—Mts. (Sull.) On rocks.
longifolium, Hedw.—Mountains. (Ravenel.) Rocks.
scoparium, L.—Common. Earth and rocks.
elongatum, Schwægr.—Mts. Earth.
congestum, Brid.—Mts. Rocks.
spurium, Hedw.—Low. & Mid. (Sull.) Sandy soil.
CERATODON purpureus, Brid.—Low. & Mid. Sandy ground.
LEUCOBRYUM minus, Hampe.—Low. & Mid. Earth.
glaucum, Hampe.—Common. Moist ground.
FISSIDENS bryoides, Hedw.—Mid. & Up. Shaded banks.
Ravenelii, Sull.—Low. Side of ditches.
osmundioides, Hedw.—Mts. (Sull.) Base of trees.
subbassilaris, Hedw.—Mid. Old logs and trees.
taxifolius, Hedw.—Low. Earth in woods.
adiantoides, Hedw.—Low. Wet ground.
CONOMITRIUM Julianum, Mont.—Low. Shallow streams.
TRICHOSTOMUM vaginans, Sull.—Low. Side of ditches.
glaucescens, Hedw.—Up. (Sull.) Earth.
tortile, Schrad.—Mid. & Up. Clay soil.
pallidum, Hedw.—Common. Clay soil.
BARBULA unguiculata, Hedw.—Mid. Earth.
cæspitosa, Schwægr.—Low. & Mid. Earth and walls.

Rarbula tortuosa, W. & M.—Mts. (Sull.) Wet rocks.
ruralis, Hedw.—Up. (Sull.) On rocks.
Desmatodon plinthobius, Sull. & Lesq.—Low. Brick walls.
Tetraphis pellucida, Hedw.—Mid. & Up. Earth in woods.
Zygodon Sullivantii, Mull.—Mts. (Sull.) On rocks.
Drummondia clavellata, Hook.—Common. Trunks of trees.
Orthotrichum cupulatum, Hoff.—Up. (Sull.) On Rocks.
exiguum, Sull.—Low. (Sull.) On Trees.
strangulatum, Beauv.—Common. Trees.
Hutchinsiae, Smith.—Mts. Rocks.
crispum, Hedw.—Mts. Trees.
Ptychomitrium incurvum, Schwægr.—Mts. (Sull.) Rocks.
Drummondii, H. & W.—Low. Trees and roofs.
Grimmia apocarpa, Hedw.—Up. On rocks.
Pennsylvanica, Schwægr.—Mid. and Up. Rocks.
Hedwigia ciliata, Ehrh.—Mid. and Up. Rocks.
Buxbaumia aphylla, Haller.—Up. (Sull.) Earth.
Diphyscium foliosum, W. & M.—Mts. Earth.
Atrichum undulatum, Beauv.—Up. (Sull.) Clay banks.
angustatum, Beauv.—Common. Shady woods.
Pogonatum brevicaule, Brid.—Mid. and Up. Clay banks.
brachyphyllum, Michx.—Low. Sandy banks.
Pogonatum urnigerum, Brid.—Mts. (Sull.) Earth.
capillare, Brid.—Mts. (Sull.) Earth.
alpinum, Brid.—Mts. (Sull.) Earth.
Polytrichum commune, L.—Low. and Mid. Damp sandy soil.
formosum, Hedw.—Mts. Earth around trees.
piliferum, Schreb.—Mts. (Sull.) Rocky soil.
Aulacomnion palustre, Schwægr.—Low. Swampy ground.
heterostichum, Br. & Sch.—Mid. and Up. Shaded banks.
androgynum, Schwægr.—Mts. (Sull.) Rocky ground.
Bryum pyriforme, Hedw.—Mid. and Up. Moist ground
crudum, Schreb.—Mts. (Sull.) Earth.
annotinum, Hedw.—Mts. (Sull.) Earth.
elongatum, Dicks.—Mts. (Sull.) Crevices of rocks.
roseum, Schreb.—Mid. and Up. Shady woods.
argenteum, L.—Mid. and Up. On roofs, open ground, &c.
pseudo-triquetrum, Schwægr.—Up. (Sull.) Wet rocks.

Bryum cernuum, Hedw.—Up. (Sull.) Damp woods.
intermedium, Brid.—Low. Brick walls.
capillare, Hedw.—Up. (Sull.) Rocks.
cæspiticium, L.—Mid. and Up. Earth and rocks.
atropurpureum, W. & M.—Mts. (Sull.) Earth.
Mnium affine, Bland.—Common. Shady banks.
stellare, Hedw.—Up. (Sull.) Borders of streams.
punctatum, Hedw.—Mts. Damp earth.
serratum, Brid.—Mts. (Sull.) Margin of rivulets.
rostratum, Schwægr.—Up. (Sull.) Along streams.
cuspidatum, Hedw.—Mid. and Up. Base of trees.
Bartramia pomiformis, Hedw.—Mid. and Up. Damp shaded ground.
fontana, Brid.—Mid. and Up. Springy ground.
calcarea, Br. & Sch.—Mountains. (Lesqur.) Wet rocks.
radicalis, Beauv.—Low. Side of streams.
Funaria hygrometrica, Hedw.—Mid. and Up. Earth.
flavicans, Michx.—Low. Earth.
serrata, Beauv.—Low. Earth.
Entosthodon Drummondii, Sull.—(Sull.) Clayey soil.
Physcomitrium pyriforme, Br. & Sch.—Low. Damp woods.
Petraplodon australis, Sull. & Lesq.—Low. In swamps.
Fontinalis disticha, H. & W.—(Sull.) In rivulets.
Lescurii, Sull.—Mountains. (Lesquer.) Streams.
squamosa, L.—Mountains. In streams.
Dichelyma capillaceum, Bryol. Eur.—(Sull.) In rivulets.
subulatum, Myrin.—(Sull.) Rivulets.
Cryphæa glomerata, Schimp.—Low. & Mid. On trees.
nervosa, H. & W.—Do. On trees.
Leucodon julaceus, Hedw.—Low. & Mid. On trees.
brachypus, Brid.—Mts. On trees.
Leptodon trichomitrion, Mohr.—Up. On trees.
immersum, Sull. & Lesq.—(Sull.) On trees.
Antitrichia curtipendula, Brid.—Mts. (Lesq.) Earth.
Anomodon viticulosus, H. & T.—Mts. Rocks.
apiculatus, Br. & Sch.—Do. (Sull.) Old logs.
obtusifolius, Br. & Sch.—(Sull.) Trees.
attenuatus, Hub.—Mid. Rocks and trees.
tristis, Cesat.—Mid. & Up. Trees.

LESKEA polycarpa, Hedw.—(Sull.) Base of trees.
obscura, Hedw.—Mid. Base of trees.
rostrata, Hedw.—Mid. & Up. Base of trees.
denticulata, Sull.—Mts. (Sull.) Do.
CLASMATODON parvulus, Hampe.—Low. Trunk of trees.
THELIA hirtella, Hedw.—Low. & Mid. Trunk of trees.
Lescurii, Sull.—(Lesq.) Sandy ground.
MYURELLA Careyana, Sull.—Mountains. (Sull.) Earth.
FABRONIA Ravenelii, Sull.—(Sull.) Rocks.
Caroliniana, Sull. & Lesq.—(Sull.) Decayed logs.
ANACAMPTODON splachnoides, Brid.—Mid. Hollow trees.
PYLAISÆA intricata, Hedw.—Mid. Roofs & trunks of trees.
HOMALOTHECIUM subcapillatum, Bryol. Eur.—Mid. On trees.
PLATYGYRIUM repens, Bryol. Eur.—Mid. & Up. Rotten logs, &c.
CYLINDROTHECIUM seductrix, Bryol. Eur.—Common. Decaying wood.
cladorrhizans, Bry. Eur.—Mid. & Up. Old logs.
compressum, Bry. Eur.—Low. & Mid. Trees.
Sullivantii, C. Mull.—Up. (Sull.) Stones.
Drummondii, Schimp.—Up. (Rav.) Rocks & Trees.
brevisetum, Bry. Eur.—Mid. Trees.
NECKERA pennata, Hedw.—Mts. Trunks of trees.
complanata, Bry. Eur.—Mts. On rocks.
HOOKERIA acutifolia, Hook?—Mts. (Sull.) Earth.
CLIMACIUM Americanum, Brid.—Up. Earth and logs.
HYPNUM tamariscinum, Hedw.—Common. Earth and logs.
delicatulum, L.—Mts. (Sull.) Earth.
minutulum, Hedw.—Common. Logs and walls.
scitum, Beauv.—Up. (Sull.) Base of trees.
gracile, Br. & Sch.—Mts. Old Logs.
triquetrum, L.—Mid. and Up. Earth in woods.
brevirostre, Ehrh.—Mts. Rocks and base of trees.
splendens, Hedw.—Up. On earth in woods.
umbratum, Ehrh.—Mts. (Sull.) Rocks.
Alleghaniense, C. Mull.—Mts. (Sull.) Borders of rivulets.
hians, Hedw.—Low. Earth.
Boscii, Schwægr.—Up. Earth.
serrulatum, Hedw.—Up. (Rav.)—On the ground.

HYPNUM rusciforme, Weis.—Up. Rocks in streams.
demissum, Wils.—Mts. (Sull.) Moist rocks.
microcarpum, C. Mull.—Common. Trunks of trees.
cylindrocarpum, C. Mull.—Mts. (Sull.) On logs.
recurvans, Schwægr.—Common. Earth and rocks.
albulum, C. Mull.—Common. Damp ground.
eugyrium, Bry. Eur.—Mts. Wet ground.
molle, Dicks.—Mts. Margin of streams.
cuspidatum, L.—(Sull.) Marshy places.
cordifolium, Hedw.—(Sull.) In Swamps.
uncinatum, Hedw.—Mts. (Sull.) Rocks and logs.
fluitans, L.—(Sull.) Swamps.
aduncum, Hedw.—Mts. Swampy grounds.
molluscum, Hedw.—Mid. and Up. Earth and rocks.
cupressiforme, L.—Mts. Trees and earth.
imponens, Hedw.—Mid. and Up. Earth and logs.
reptile, Michx.—Mts. Decaying logs.
curvifolium, Hedw.—Mid. and Up. Earth and logs.
nemorosum, Koch.—Mts. (Sull.) Decayed logs.
rugosum, Ehrh.—Up. (Sull.) Limestone rocks.
salebrosum, Hoffm.—Common. Earth and logs.
acuminatum, Beauv.—Up. Earth and logs.
rutabulum, L. (Sull.) Springy ground.
plumosum, L.—Mts. (Sull.) Earth.
stellatum, Schreb.—Mid. and Up. Marshy ground.
hispidulum, Brid.—Mid. and Up. Earth.
serpens, Hedw.—Common. Rocks, logs and earth.
radicale, Brid.—Common. Rocks, logs and earth.
riparium, Hedw.—Low. Swampy ground.
Lescurii, Sull.—Mts. (Sull.) Wet rocks.
denticulatum, L.—Up. (Sull.) Rocks and Swamps.
Muhlenbeckii, Bry. Eur.—Mts. (Sull.) Earth and rocks.
fulvum, H. & W.—Low. In water.
sylvaticum, L.—Mts. (Sull.) Earth.

HEPATICÆ OR LIVERWORTS.

RICCIA glauca, L.—Common. Damp ground.
lutescens, Schwein.—Low. and Mid. Damp ground.
SPHÆROCARPUS Michelii, Bellard.—Low. and Mid. Cult. ground.
ANTHOCEROS punctatus, L.—Common. Side of ditches, &c.
lævis, L.—Common. Moist earth.
laciniatus, Schwein.—Mid. (Schwein.) Wet gravelly ground.
NOTOTHYLAS orbicularis, Sull.—Mid. (Schwein.) Damp ground.
MARCHANTIA polymorpha, L.—Common. Damp ground.
DUMORTIERA hirsuta, Nees.—Common. Face of rocks.
FEGATELLA conica, Cda.—Mid. and Up. Moist ground.
REBOULIA hemispherica, Raddi.—Low. and Mid. Springy ground.
FIMBRIARIA tenella, Nees.—Common. Shaded ground.
METZGERIA furcata, Nees.—Mid. and Up. Rocks and base of trees.
pubescens, Raddi.—Up. (Schwein.) Rocks and base of trees.
ANEURA sessilis, Spreng.—Low. Rotten wood.
pinguis, Dum.—Mid. (Schwein.) Among Swamp Moss.
palmata, Nees.—Mid. Wet earth and wood.
multifida, Dum.—Common. Wet earth and wood.
STEETZIA Lyellii, Lehm.—Low. and Mid. Wet ground.
PELLIA epiphylla, Nees.—Mid. and Up. Wet ground.
FOSSOMBRONIA pusilla, Nees.—Low. and Mid. Wet ground.
GEOCALYX graveolens, Nees.—Low. and Mid. Rotten logs and wet rocks.
CHILOSCYPHUS polyanthos, Cda.—Mid. (Schwein.) Rocks and wet ground.
ascendens, H. & W.—(Sulliv.) Rotten logs, &c.
LOPHOCOLEA heterophylla, Nees.—(Sull.) Rotten logs.
SPHAGNICŒTIS communis, Nees.—Common. Damp mossy places.
SCAPANIA nemorosa, Nees.—Common. Wet rocks and earth.
undulata, Nees and Mont.—Mid. (Schwein.) Boggy lands.
JUNGERMANNIA setacea, Web.—Mid. and Up. Wet ground.
trichophylla, L.—Up. (Sull.) Decayed wood, &c.

JUNGERMANNIA connivens, Dicks.—Common. Decayed wood, &c.
curvifolia, Dicks.—Mid. (Schwein.) Decayed woods, &c.
bicuspidata, L.—Mid. and Up. Decayed wood, &c.
setiformis, Ehrh.—Up. (Sull.) Decayed wood, &c.
barbata, Schreb.—Up. (Sull.) Earth and rocks.
Michauxii, Web.—Mid. and Up. Side of wet rocks.
incisa, Schrad.—Mid. (Schwein.) Damp earth.
Schraderi, Mart.—Low. and Mid. Earth and logs.
crenulata, Sm.—Mid. Wet rocks, &c.
exsecta, Schmidel.—Mid. (Schwein.) Earth and wood.
obtusifolia, Hook.—Mid. and Up. Earth and rocks.
albicans, L.—Mid. (Schwein.) Earth.

PLAGIOCHILA spinulosa, N. & M.—Mts. (Sull.) Banks of rivulets.
asplenioides, N. & M.—Mid. and Up. (Schw.) Banks of rivulets.
porelloides, Lind.—Up. Swampy ground.

SARCOSCYPHUS Ehrharti, Cda.—Mts. (Sull.) Rocks.

FRULLANIA Grayana, Mont.—Mid and Up. Rocks and trees.
Caroliniana, Sull.—Low. Bark of trees.
Hutchinsiæ, Nees.—Mts. (Sull.) Wet rocks.
Virginica, Lehm.—Low. and Mid. Trees and old roofs.
Eboracensis, Lehm.—Low. and Mid. Bark of trees.
plana, Sull.—Mts. (Sull.) Rocks.
æolotis, Nees.—Mid. and Up. Rocks, logs, &c.

LEJEUNIA clypeata, Schwein.—Common. Trees and rocks.
longiflora, Tayl.—(Sull.) Trees.
calyculata, Tayl.—Mts. (Sull.) On Lichens.
serpyllifolia, Lib.—Low. and Mid. Rocks and trees.
cucullata, Nees.—Mts. (Sull.) Rocks.

MADOTHECA porella, Nees.—Common. Earth and rocks.
platythylla, Dum.—Mid. and Up. Trees and rocks.
Wataugensis, Sull.—Mts. (Sull.) Old logs.

RADULA complanata, Dum.—Mid. (Schwein.) Bark of trees.
pallens, Nees.—Mts. (Sull.) Old logs.

PTILIDIUM ciliare, Nees.—(Sull.) Rotten logs.

SENDTNERA juniperina, Nees.—Mts. (Sull.) Earth.

Trichocolea Tomentella, Nees.—Mid. and Up. Damp ground.
Mastigobryum trilobatum, Nees.—Common. Damp ground.
Lepidozia reptans, Nees.—Mts. (Sull.) Wet rocks.
Calypogeia Trichomanis, Cda.—Low. Wet ground.

LICHENES.

COLLEMACEI.

Enchylium polycoccum, (Nyl.)—Mid. Dist. On rocks.
Collema flaccidum, Ach.—Mid. and Up. Rocks.
pulchellum, Ach.—Low. and Mid.—On Trunks.
tenax, (Sw.) Ach.—Mid. (Schwein.) On the earth.
limosum, Ach.—Mid. (Schwein.) On the earth.
nigrescens, (L.) Ach.—Mid. and Up. Rocks and trunks.
cyrtaspis, Tuck.—Mid. and Up. Trunks.
leptaleum, Tuck.—Mid. and Up. Trunks.
pycnocarpum, Nyl.—Mid. On trunks.
Leptogium lacerum, (Sw.) Fr.—Mid. (Schwein.) Earth among Mosses.
Corticola, (Tayl.) Tuck.—Mid. and Up. Mossy trunks and rocks.
tremelloides, (L.) Fr.—Common. Trunks and rocks.
saturninum, (Dicks.) Nyl.—Mid. and Up. Trunks and rocks.
chloromelum, (Sw.) Nyl.—Mid. (Schwein.) and Up. Trunks and rocks.
Myriangium Curtisii, Mont. and Berk.—Common. On trunks of Nyssa, Crataegus, &c.

LICHENACEI.

Calicium trachelinum, Ach.—Mid. and Up. On dead wood.
quercinum, Pers.—Mid. (Schwein.) Trunks.
Coniocybe furfuracea, (L.) Fr.—Mid. (Schwein.) Trunks.
Coniocybe albella, Schwein.—Mid. (Schwein.) Trunks.

Bæomyces ericetorum, (L.) D. C.—Common. Earth.
Cladonia Papillaria, (Ehrh.) Hoffm.—Common. Earth.
cespiticia, Fl.—Up. Trunks.
pyxidata, (L.) Fr.—Common. Earth.
gracilis, (L.) Fr.—Common. Earth.
fimbriata, (L.) Fr.—Mid. and Up. Earth.
furcata, (Schreb.) Fl.—Mid. and Up. Earth.
squamosa, Hoffm.—Common. At base of trees, &c.
rangiferina, (L.) Hoffm.—Common. Earth.
uncialis, Fr.—Up. Earth.
Caroliniana, Schwein.—Mid. and Up. (Schw.) Earth.
Mitrula, Tuck.—Low. and Mid. Earth.
Georgiana, Tuck.—Mid. and Up. Earth.
cornucopioides, (L.) Fr.—Up. (Rav.) Earth.
cristatella, Tuck.—Common. Earth.
macilenta, Hoffm.—Up. Earth and rotten logs.
pulchella, (Schwein.) Tuck.—Mid. (Schwein.) Earth.
cetrarioides, (Schwein.) Tuck.—Mid. (Schwein.) Earth.
leporina, (Fr. Hb.) Tuck.—Low. and Mid. Earth.
Stereocaulon sphærophoroides, Tuck.—Mts. Earth.
Usnea barbata, Fr.—Common. Limbs of trees.
trichodea, Ach.—Low. and Mid. Limbs of trees.
angulata, Ach.—Mid. (Schwein.) Limbs of trees.
Alectoria jubata, (L.) Ach.—Mid. and Up. Old rails and rocks.
Ramalina calicaris, Fr.—Common. Trees, rails, &c.
Evernia furfuracea, (L.) Mann.—Mid. and Up. Limbs and trunks.
Cetraria Islandica, (L.) Ach.—Grandfather and Black Mts. Earth.
lacunosa, Ach.—Mid. and Up. Trunks.
ciliaris, Ach.—Mid. and Up. Trunks and old rails.
Oakesiana, Tuck.—Mts. Trunks.
juniperina, (L.) Ach.—Common. Trunks and limbs.
Nephroma tomentosum, (Hoffm.) Kœrb.—Mid. (Schwein.) Trunks.
Helveticum, Ach.—Low. and Mid. Trunks and rocks.
Peltigera aphthosa, (L.) Hoffm.—Up. (Rav.) Earth.
canina, (L.) Hoffm.—Mid. and Up. Earth and trunks.
rufescens, (Neck.) Hoffm. Common. Trunks.
polydactyla, (Neck.) Hoffm.—Common. Rocks and trunks.
Sticta pulmonaria, (L.) Ach.—Common. Trunks.

STICTA quercizans, (Michx.) Ach.—Mts. Trunks and rocks.
glomerulifera, (Lightf.) Delise.—Mts. Trunks and rocks.
Ravenelii, Tuck.—Low. Trunks.
crocata, (L.) Ach.—Mts. (Buckl.) Rocks.
aurata, (Sm.) Ach.—Common. Rocks and trees.

PARMELIA perlata, (L.) Ach.—Common. Rocks and trees.
crinita, Ach.—Mid. and Up. Trunks.
perforata, Ach.—Mid. and Up. Trunks.
laevigata, (Sm.) Ach.—Common. Trunks.
aurulenta, Tuck.—Up. Trunks and rocks.
tiliacea, (Ehrh.) Ach.—Common. Trunks and rails.
Borreri, Turn.—Low. and Mid. Trunks.
aleurites, Ach.—Mts. (Rav.) Trunks and rails.
colpodes, Ach.—Mid. and Up. Trunks.
olivacea, Ach.—Mts. (Rav.) Trunks.
caperata, (L.) Ach.—Common. Trunks and stones.
conspersa, (Ehrh.) Ach.—Common. Rocks and stones.
ambigua, Ach.—Common. Trunks and dead wood.

PHYSCIA chrysophthalma, (L.) D. C.—Low. On trees.
parietina, (L. Duf.) Nyl.—Common. On trees.
candelaria, (Ach.) Nyl.—Low. and Mid. On trees.
aquila, Ach. (Nyl.)—Mid. and Up. Trunks.
speciosa, (Wulff. Fr.)—Common. Trunks.
stellaris, (L.)—Common. Trunks and rocks.
obscura, (Ehrh.) Nyl.—Mid. and Up. Trees.
picta, (Ach.) Nyl.—Low. Trunks.

UMBILICARIA mammulata, Ach.—Mts. Rocks.
Pennsylvanica, Hoffm.—Mts. Rocks.
pustulata, Hoffm.—Mid. and Up. Rocks.
Muhlenbergii, (Ach.) Tuck.—Mid. (Schwein.) and Up. Rocks.
Dillenii, Tuck.—Mid. and Up. Rocks.

PYXINE Cocoes, (Sw.) Nyl.—Mid. and Up. Trunks, woods and rocks.

PANNARIA rubiginosa, (Thunb.) Delis.—Mid. and Up. Trees.
leucosticta, Tuck.—Mid. (Schwein.) Rocks and trees.
tryptophylla, (Ach. Fr.) Nyl.—Mid. and Up. Rocks and trees.

COCCOCARPIA stellata, Tuck.—Low. Trunks.

Coccocarpia parmelioides, (Hook.)—Common. Trunks and rocks.
Michieneri, Tuck.—Mid. Base of trunks.
Heppia Despreauxii, (Mont.)—Low. and Mid. Earth.
Amphiloma lanuginosum, (Fr.) Nyl.—Mid. (Schwein.) Rocks.
Squamaria Frostii, Tuck.—Mid. and Up. Granite rocks.
Lecanora cerina, (Hedw.) Ach.—Mid. and Up. Trunks and rocks.
aurantiaca, (Lightf.) Nyl.—Mid. Trunks and rocks.
cinnabarina, Ach.—Mid. Rocks.
camptidia, Tuck.—Low. Trunks.
ferruginea, (Huds.) Nyl.—Mid. Trunks.
cervina, (Pers.) Sommerf.—Mid. and Up. Rocks.
chrysops, Tuck.—Mid. Rocks.
Myrini, (Fr.)—Mid. Rocks.
tartarea, (L.) Ach.—Mid. and Up. Rocks.
pallescens, (L.) Schær.—Mid. Trunks.
pallida, (Schreb.) Schær.—Low. and Mid. Trunks.
subfusca, (L.) Ach.—Common. Trunks and rocks.
Cenisia, Ach.—Mid. (Schwein.) Rocks.
Berica, Tuck.—Mid. Trees.
varia, (Ehrh.) Ach.—Common. Trunks and old wood.
orosthea, Ach.—Mid. (Schwein.) Rocks.
atra, (Huds.) Ach.—Mid. Rocks.
oreina, Ach.—Mid. Rocks.
chrysomelæna, Ach.—Mid. Rocks.
sophodes, Ach.—Mid. Trunks and rocks.
punicea, Ach.—Low. Trunks.
ochrophæa, Tuck.—Mts. Balsam trunks.
Urceolaria lepadina, (Sommerf.)—Mid. (Schwein.) Rocks.
actinostoma, Pers.—Mid. (Schwein.) Rocks.
Pertusaria pertusa, (L.)—Common. Trunks.
pilulifera, (Pers.) Nyl.—Mid. Trunks.
faginea, (L.)—Mid. Trunks.
hymenia, (Ach.)—Mid. (Schwein.) Trunks.
globularis, (Ach.)—Mid. and Up. On mosses.
leioplaca, (Ach.) Nyl.—Mid. Trunks.
Thelotrema Ravenelii, Tuck.—Low. and Mid. Base of trunks.
subtile, Tuck.—Low. Trunks.
Gymnotrema atratum, (Fee.) Nyl.—Low. Trunks.
Lecidea pineti, (Schrad.) Ach.—Mid. (Schwein.) On the earth.
Russellii, Tuck.—Up. Rocks.

LECIDEA rufonigra, Tuck.—Mid. and Up. Rocks.
chlorosticta, Tuck.—Low. Pine and Cypress trunks.
parvifolia, Pers.—Common. Trunks.
absconsa, Tuck.—Low. (Tuckerm.) Red Oak Trunks.
microps, (Fr.) Tuck.—Mid. (Schwein.) Trunks.
russula, Ach.—Common. Trunks.
spadicea, Ach.—Low. and Mid. Trunks.
sanguineoatra, Ach.—Mid. (Schwein.) On Mosses.
anomala, Fr.—Mid. (Schwein.) Trunks.
uliginosa, Ach.—Mid. Earth.
recedens, Nyl.—Low. Dead wood.
leucoblephara, Nyl.—Low. On bark.
exigua, Chaub.—Common. Trunks.
luteola, Ach.—Mid. Trunks.
Schweinitzii, Fr.—Low. and Mid. Bark of trunks.
Elizae, Tuck.—Low. Pine bark.
pachycheila, Tuck.—Low. Trunks.
Domingensis, (Ach.)—Low. Trunks.
leucoxantha, Spreng.—Low. and Mid. Trunks.
parasema, (Ach.) Nyl.—Low. Trunks.
" var: enteroleuca.—Mid. Rocks.
lactea, Massal.—Mid. (Schwein.) Rocks.
atroalba, Fr.—Mid. (Schwein.) Rocks.
petræa, Flot.—Mid. Rocks.
contigua, Fr.—Mid. and Up. Rocks.
rivulosa, Ach.—Mid. (Schwein.) Rocks.
disciformis, (Fr.) Nyl.—Common. Trunks.
CONOTREMA urceolatum, (Ach.) Tuck.—Mts. Trunks.
GRAPHIS scripta, (L.) Ach.—Common. Bark of trees.
striatula, Ach.—Mid. Trunks.
inusta, Ach.—Low. Trunks.
dendritica, Ach.—Common. Trunks.
Afzelii, Ach.—Low. On bark.
astrœa, Tuck.—Low. Bark of Cypress.
nitida, (Eschw.) Nyl.—Low. Bark.
crumpens, Nyl.—Low. Bark.
Patellula, (Fee.) Nyl.—Low. Bark.
OPEGRAPHA oulocheila, Tuck.—Mid. (Schwein.) Rocks.
varia, Pers.—Common. Trunks.

Opegrapha atra, Pers.—Common. Trunks.
Platygrapha ocellata, Nyl.—Low. Smooth bark.
Arthonia cinnabarina, Wallr.—Low. Trunks.
Caribœa, (Ach.) Nyl.—Mid. Trunks.
rubella, Fee.—Low. Trunks.
tædiosa, Nyl.—Low. Trunks.
spectabilis, Flot.—Mts. (Rav.) Trunks.
astroidea, Ach.—Mid. Trunks.
glaucescens, Nyl.—Up. (Rav.) Trunks.
Glyphis Achariana, Tuck.—Low. and Mid. Smooth bark.
Normandina Jungermanniæ, Nyl.—Mts. (Rav.) On Mosses.
Endocarpon miniatum, Ach.—Mid. (Schw.) and Up. (Rav.) On Rocks.
Muhlenbergii, Ach.—Mid. and Up. On rocks.
fluviatile, (Web.) D. C.—Mts. (Rav.) Wet rocks.
Tuckermani, Mont.—Common. Mossy trunks.
hepaticum, Ach.—Mid. (Schwein.) Earth.
Verrucaria umbrina, (Ach.) Wahl.—Mid. (Schwein.) Granite rocks.
nigrescens, Pers.—Mid. and Up. Rocks.
fuscella, (Turn.) Ach.—Mid. (Schwein.) Rocks.
rupestris, Schrad.—Up. Lime rocks.
diffractella, Nyl.—Mid. (Schwein.) Rocks.
epigœa, Pers.—Low. and Mid. On naked earth.
carpinea, (Pers.) Ach.—Mid. Trunks.
Nucula, (Ach.) Nyl.—Low. Trunks.
pyrenuloides, (Mont.) Nyl.—Low. Trunks.
Santensis, Tuck.—Low. Trunks.
nitida, Schrad.—Common. On smooth bark.
punctella, Nyl.—Low. Trunks.
thelomorpha, Tuck.—Low. Trunks.
spinulosa, Schwein.—Mid. (Schwein.) Trunks.
aggregata, (Fee.) Nyl.—Low. Trunks.
glabrata, Ach.—Mid. (Schwein.) Trunks.
gemmata, Ach.—Low. Trunks.
subprostans, Nyl.—Low. Trunks.
tropica, Ach.—Low. and Mid. Smooth bark.
prostans, Mont.—Low. Trunks.
5-septata, Nyl.—Low. Trunks of Holly.

Verrucaria epidermidis, Ach.—Common. Smooth bark.
Pyrenastrum Americanum, Spreng.—Low. Trunks.
simplex, Rav.—Low. Trunks.
Ravenelii, Tuck.—Low. Trunks.
Trypethelium cruentum, Mont.—Low. Trunks.
scoria, Fee.—Low. and Mid. Trunks.
virens, Tuck.—Mid. Trunks.
Carolinianum, Tuck.—Mid. Trunks.
Gyrostomum Curtisii, Tuck.—Mid. Trunks.

FUNGI.

I. HYMENOMYCETES.

Agaricus (I. Amanita.)
cæsareus, Scop.—Common. In Oak forests.
virosus, Fr.—Common. Sandy woods.
vernus, Fr.—Common. Woods.
phalloides, Fr.—Common. Woods.
muscarius, Fr.—Mid. (Schw.) Woods.
monticulosus, Berk. and Curt.—Common. Sandy woods.
pantherinus, D. C.—Common. In woods.
strobiliformis, Vitt.—Common. In woods.
Mappa, Batsch.—Common. In woods.
recutitus, Fr.—Common. In woods.
agglutinatus, B. & C.—Low. Pine woods.
rubescens, Pers.—Low. Damp woods.
polypyramis, B. & C.—Low. Pine woods.
excelsus, Fr.—Common. Earth in woods.
lenticularis, Fr.?—Mid. Earth in woods.
asper, Fr.—Mid. (Schwein.) Earth in woods.
vaginatus, Bull.—Common. Woods and fields.
farinosus, Schwein.—Mid. (Schw.) Woods.
pubescens, Schwein.—Mid. (Schw.) In grassy land.
(II. Lepiota.)
procerus, Scop.—Common. Woods and fields.

rachodes, Vitt.—Mid. Base of stumps and trees.
excoriatus, Fr.—Mid. Grassy lands.
mastoideus, Fr.—Common. Woods.
acutesquamosus, Wein.—Low. and Mid. By rotten logs and stumps.
clypeolarius, Bull.—Common. On earth and rotten logs.
cristatus, Bolt.—Common. Gardens and rich swamps.
cepæstipes, Sow.—Mid. (Schw.) Cultivated lands.
granulosus, Batsch.—Common. Woods and cult. grounds.
floralis, Berk. & Rav.—Low. Cultivated grounds.
cultorum, B. & C.—Low. Cultivated grounds.
fulvaster, B. & C.—Low. Sandy grass plats.
aspratus, Berk.—Low. Rotten sticks in swamps.
delicatus, Fr.—Mid. (Schwein.) Damp woods and hedges.

(III. Armillaria.)

bulbiger, A. & S.—Low. and Mid. Woods.
robustus, A. & S.—Mid. (Schwein.) Woods.
melleus, Vahl.—Common. About stumps and logs.
mucidus, Schrad.—Mid. (Schw.) On dead Beech.

(IV. Tricholoma.)

equestris, L.—Mid. (Schwein.) Pine woods.
sejunctus, Sow.—Mid. (Schw.) Woods.
ustalis, Fr.—Mid. (Schw.) Pine woods.
flavobrunneus, Fr.—Mid. (Schw.) Damp woods.
Russula, Schæff.—Low. Among leaves in woods.
frumentaceus, Bull.—Mid. Pine woods.
scalpturatus, Fr.—Low. Pine logs and stumps.
hypopithyus, M. A. C.—Mid. Pine woods.
Columbetta, Fr.—Mid. (Schw.) Woods.
vaccinus, Pers.—Mid. (Schw.) Woods.
terreus, Schæff.—Mid. (Schw.) Woods and fields.
cuneifolius, Fr.—Mid. (Schw.) Woods and fields.
luteovirens, A. & S.—Mid. (Schw.) Pine woods.
saponaceus, Fr.—Mid. (Schw.) Among fallen leaves.
castus, M. A. C.—Mid. Grassy old fields.
sulfureus, Bull.—Mid. (Schw.) Woods.
albellus, D. C.?—Mid. Damp woods.
albus, Fr.—Low. Swamps and woods.

consociatus, M. A. C.—Mid. Pine woods.
personatus, Fr.—Low. and Mid. Near rotten logs.
nudus, Bull.—Mid. (Schw.) Woods.
grammopodius, Bull.—Low. Shady woods and swamps.
adstringens, Pers.—Mid. (Schwein.) Woods.
melaleucus, Pers.—Mid. (Schw.) Grassy woods.
brevipes, Bull.—Low. Humous earth.
humilis, Fr.—Low. and Mid. Humous earth.

(V. CLITOCYBE.)

nebularis, Batsch.—Mid. (Schw.) Damp woods.
clavipes, Pers.—Mid, (Schw.) Woods.
fumosus, Pers.—Mid. (Schw.) Grassy woods.
viridis, Scop.—Mid. (Schw.) Woods.
odorus, Bull.—Mid. (Schw.) Woods.
phyllophilus, Fr.—Mid. (Schw.) Woods.
candicans, Pers.—Mid. (Schw.) Damp woods.
illudens, Schwein.—Mid. Base of trees.
opacus, With.—Mid. (Schw.) Pine woods.
gigantеus, Sow.—Mid. (Schw.) Borders of Pine woods.
infundibuliformis, Schæff.—Common. Earth and rotten wood.
parilis, Fr. ?—Mid. Woods among leaves.
gilvus, Pers.—Mid. (Schw.) Wooded hill sides.
setisedus, Schwein.—Mid. (Schw.) Among fallen leaves.
cyathiformis, Bull.—Mid. (Schw.) Woods.
brumalis, Fr.—Low. On decayed wood in swamps.
bellus, Pers.—Low. and Mid. Earth and trunks.
laccatus, Scop.—Common. Earth in woods.
cespitosus, M. A. C.—Common. Base of stumps.

(VI. COLLYBIA.)

radicatus, Bull.—Common. Woods.
platyphyllus, Fr.—Low. and Mid. Rotten wood.
maculatus, A. & S.—Mid. (Schw.) Woods.
butyraceus, Bull.—Mid. Rotten trunks.
asemus, Fr.—Mid. (Schw.) Pine woods.
velutipes, Curt.—Mid. and Up. Rotting logs.
stipitarius, Fr.—Mid. and Up. On decaying trunks.
confluens, Pers.—Mid. and Up. Among rotting leaves.
detersibilis, B. & C.—Low. Sandy grass land.

conigenus, Pers.—Low. Rotting Pine-burs.
cirrhatus, Pers.—Low. Damp earth.
tuberosus, Bull.—Mid. (Schw.) On decaying Agarics.
collinus, Scop.?—Low. Pine woods.
ventricosus, Bull.—Low. Rotten logs.
esculentus, Jacq.—Mid. (Schw.) Dense woods.
tenacellus, Pers.—Mid. (Schw.) Pine woods.
dryophilus, Bull.—Mid. Woods.
acervatus, Fr.?—Up. Earth.
Clavus, Bull.—Mid. Among Mosses.

(VII. Mycena.)

elegans, Pers.—Mid. (Schw.) Pine woods.
purus, Pers.—Mid. (Schw.) Shaded places.
iocephalus, B. & C.—Low. Rich swampy woods.
Adonis, Bull.—Mid. (Schw.) On trunks.
lineatus, Bull.—Mid. (Schw.) Grassy lands.
lacteus, Pers.—Mid. (Schw.) Pine woods.
cohærens, A. & S.—Mid. (Schw.) Earth and trunks.
intertextus, B. & C.—Low. Decaying Pine logs.
galericulatus, Scop.—Common. Earth and rotten wood.
polygrammus, Bull.—Mid. (Schw.) On trunks.
atrocyaneus, Batsch.—Low. Rotten logs.
alcalinus, Fr.—Mid. (Schw.) Trunks.
amictus, Fr.—Mid. (Schw.) Trunks.
hæmatopus, Pers.—Low. and Mid. Rotten wood.
galopus, Schrad.—Mid. (Schw.) Earth.
epipterygius, Scop.—Common. Rotten wood.
vulgaris, Pers.—Mid. (Schwein.) Earth.
citrinellus, Pers.—Mid. (Schwein.) Pine woods.
stylobates, Pers.—Mid. (Schwein.) On stems of leaves.
corticola, Pers.—Mid. Bark of trunks.
capillaris, Schwein.—Low. Rotting leaves.

(VIII. Omphalia.)

chrysoleucus, Fr.—Mid. (Schwein.) Grassy rich lands.
scyphoides, Fr.—Common. Cultivated grounds.
chrysophyllus, Fr.?—Low. Rotten logs.
xanthophyllus, B. & C.—Low. Rotten logs.

pyxidatus, Bull.—Common. Grassy places.
Epichysium, Pers.—Mid. (Schw.) Rotting wood.
muralis, Sow.—Low. Damp woods.
umbelliferus, L.—Common. Damp woods.
stellatus, Fr.—Common. On trunks.
campanella, Batsch.—Common. Rotten wood.
setipes, Fr.—Low. Sphagnous swamps.
centenarius, B. & C.—Low. Rotten logs.
fibula, Bull.—Mid. (Schw.) Damp mossy places.
integrellus, Pers.—Mid. (Schw.) Swamps.
Muscorum, Hoffm.—Mid. (Schw.) Mosses at base of trees.

(IX. Pleurotus.)

dryinus, Pers.—Mid. (Schwein.) Dead trunks.
ulmarius, Sow.—Mid. (Schwein.) Dead trunks.
tessulatus, Bull.—Mid. (Schwein.) Pine trunks.
Pometi, Fr.—Mid. Carious wood.
glandulosus, Bull.—Mid. (Schw.) Dead trunks.
ostreatus, Jacq.—Mid. (Schw.) Dead trunks.
salignus, Pers.—Common. On trunks and stumps.
petaloides, Bull.—Low. and Mid. On Pine wood.
serotinus, Schrad.—Mid. (Schw.) Trunks.
planus, A. & S.—Mid. (Schw.) Trunks.
nidulans, Pers.—Mid. (Schw.) Pine trunks.
septicus, Fr.—Mid. On dead Polyporus.
mastrucatus, Fr.—Common. Dead wood.
atrocœruleus, Fr.—Common. Dead trunks.
algidus, Fr.—Common. Dead wood and sticks.
fluxilis, Fr.—Low. Rotten wood.
niger, Schwein.—Common. Dead limbs and twigs.
applicatus, Batsch.—Common. Dead bark and wood.
striatulus, Fr.—Low. Dead wood.
perpusillus, Weim.—Low. On bark.

(X. Volvaria.)

bombycinus, Schæff.—Low. and Mid. Earth and carious wood.
volvaceus, Bull.—Mid. (Schwein.) Rich cult. ground.
parvulus, Wein.—Low. and Mid. Cult. grounds.

parvulus, var: major, B. & C.—Low. Woods.
speciosus, Fr.—Low. Grassy land.
emendatior, B. & C.—Low. Earth.
gloiocephalus, D. C.—Low. Cult. lands.

(XI. Pluteus.)

cervinus, Schæff.—Mid. (Schwein.) Dead trunks.
Curtisii, Berk.—Low. and Mid. Carious wood.
leoninus, Schæff.—Mid. (Schw.) Dead trunks.
nanus, Pers.—Mid. (Schw.) Dead trunks.
chrysophlebius, B. & R.—Low. Dead trunks.

(XII. Entoloma.)

prunuloides, Fr.—Low. Dry Swamps.
sericellus, Fr.—Low. ? and Mid. Grassy lands.
elodes, Fr.—Mid. Woody hili-sides.
nauseosus, M. A. C.—Mid. Old fields under Cedars.
clypeatus, L.—Mid. (Schw.) Swampy ground.
turbidus, Fr. ?—Mid. (Schw.) Among rotten sticks.

(XIII. Clitopilus.)

Prunulus, Scop.—Low. and Mid. Damp woods.
popinalis, Fr.—Low. and Mid. Swampy lands.
carneo-albus, With.—Low. and Mid. Earth.

(XIV. Leptonia.)

serrulatus, Fr.—Mid. and Up. ? (Schw.) In woods.
chalybœus, Pers.—Mid. (Schw.) Swamps.
apularum, B. & C.—Low. Rotten wood in swamps.

(XV. Nolanea.)

pascuus, Pers.—Mid. & Up. ? (Schw.) Woods and pastures.
mammosus, L.—Low. and Mid. Open woods.
hirtipes, Schwein.—Low. Sphagnous swamps.

(XVI. Eccilia.)

atrides, Batsch.—Up. Rotten wood.

(XVII. Pholiota.)

aureus, Math.—Low. and Mid. Buried wood.
præcox, Pers.—Low. and Mid. Grassy lands.
adiposus, Batsch.—Mid. Mulberry trunks.
aurivellus, Batsch.—Mid. (Schw.) Dead Alders.
squarrosus, Mull.—Mid. (Schw.) Oak stumps.

tuberculosus, Fr.—Mid. (Schw.) Trunks.
mutabilis, Schæff.—Mid. (Schw.) Trunks.

(XVIII. Hebeloma.)

lanuginosus, Bull.—Low. Earth in woods.
lacerus, Fr.—Low. Pine woods.
Bongardi, Wein.—Low. Woods.
rimosus, Bull.—Common. Woods.
trechisporus, Berk.—Low. Decayed wood.
geophyllus, Sow.—Mid. (Schwein.) Woods.
scabrellus, Fr.—Mid. (Schw.) Among leaves and grass in woods.
fastibilis, Pers.—Mid. Woods.

(XIX. Flammula.)

lentus, Pers.—Mid. (Schwein.) Woods.
spumosus, Fr.—Low. and Mid. In thickets.
flavidus, Schæff.—Low. and Mid. Rotten logs.
inopus, Fr.—Low. and Mid. Rotten logs.
polychrous, Berk.—Low. Rotten logs.
penetrans, Fr.—Low. Rotten logs.
sapineus, Fr.—Low. and Mid. Pine stumps.
picreus, Fr.—Low. and Mid. Damp logs.

(XX. Naucoria.)

subglobosus, A. & S.—Mid. (Schw.) Pine woods.
cerodes, Fr.?—Mid. (Schw.) Cultivated fields.
argillosus, B. & C.—Low. Woods.
semiorbicularis, Bull.—Common. Woods and fields.
furfuraceus, Pers.—Low. Dead sticks.
conspersus, Pers.—Mid. (Schw.) Damp woods.
siparioides, B. & C.—Low. Exsiccated swamps.
Curcuma, B. & C.—Low. Old stumps.

(XXI. Galera.)

tener, Schæff.—Common. Rich grounds.
Ravenelii, B. & C.—Low. Pine woods.
crocosporus, B. & C.—Low. Decaying vegetable matter.
Hypnorum, Batsch.—Mid. and Up. Among Mosses.

(XXII. Crepidotus.)

mollis, Schæff.—Common. Carious wood.

nephrodes, B. & C.—Low. Rotten wood.
variabilis, Pers.—Common. Trunks and dead wood.
elatinus, Pers.—Low. Rotten wood.
depluens, Batsch.—Mid. (Schw.) Earth and wood.
Pecten, B. & C.—Low. Rotten wood.

(XXIII. PSALLIOTA.)

campestris, L.—Common. Fields and pastures.
arvensis, Schæff.—Common. Fields and pastures.
amygdalinus, M. A. C.—Common. Rich grounds, woods and lanes.
Achimenes, B. & C.—Low. Earth.
cretaceus, Fr.—Common. Earth and wood.
sylvaticus, Schæff.—Low. and Mid. Woods.
echinatus, Roth.—Mid. (Schw.) Cultivated lands.
æruginosus, Curt.—Mid. (Schw.) Earth and wood.
squamosus, Fr.—Low. Pine woods.
stercorarius, Fr.—Low. Manured ground.
semiglobatus, Batsch.—Common. On cow dung.

(XXIV. HYPHOLOMA.)

sublateritius, Schæff.—Common. On and around stumps.
epixanthus, Paul.—Low. Burnt places in woods.
fascicularis, Huds.—Common. Rotten wood.
dispersus, Fr.—Low. Earth in Pine woods.
lacrymabundus, Fr.—Low. Earth and trunks.
velutinus, Pers.—Low. Earth and wood.
appendiculatus, Bull.—Low. and Mid. Dried swamps.

(XXV. PSILOCYBE.)

Antillarum, Fr.—Low. Stable yards and gardens.
spadiceus, Schæff.—Low. and Mid. Shaded and grassy places.
fœnisecii, Pers.—Mid. (Schw.) Meadows.
ericæus, Pers.—Mid. (Schw.) Woods and fields.
atrorufus, Schæff.—Mid. (Schw.) Woods and fields.

(XXVI. PSATHYRA.)

conopilus, Fr.—Mid. (Schw.) Among Mosses.
obtusatus, Fr.—Low. Woods and swamps.
fagicola, Lasch. ?—Low. Rotten wood.

(XXVII. Panæolus.)

papilionaceus, Bull.—Com. Pastures and rich grounds.
campanulatus, L.—Common. Rich ground.
separatus, L.—Mid. (Schw.) Among manure.
fimicola, Fr.—Mid. (Schw.) Among manure.

(XXVIII. Psathyrella.)

disseminatus, Pers.—Low. and Mid. Earth.

Coprinus *comatus*, Fr.—Low. and Mid. In stable yards.
atramentarius Bull.—Mid. Manured grounds.
fimetarius, L.—Mid. (Schw.) Hedge rows, &c.
niveus, Fr.—Low. On cow dung.
tergiversans, Fr.—Low. Earth.
micaceus, Fr.—Mid. About rotten stumps.
radiatus, Bolt.—Mid. (Schw.) Horse dung.
domesticus, Pers.—Mid. (Schw.) In gardens.
ephemerus, Fr.—Low. and Mid. In gardens.
plicatilis, Curt.—Common. Manured grounds.
Spragueii, B. & C.—Mid. Rich grass plats.

Bolbitius vitellinus, Fr.—Mid. (Schwein.) On manure.
titubans, Fr.—Mid. (Schwein.) On manure.

Hiatula fragilissima, Rav.—Low. Vegetable matter in rich grounds.

Cortinarius infractus, Fr.—Mid. (Schw.) Woods.
glaucopus, Fr.—Mid. (Schw.) Gardens.
callochrous, Fr.—Low. and Mid. Woods & swamps.
cœrulescens, Fr.—Mid. Woods.
turbinatus, Fr.—Mid. (Schwein.) Woods.
rufoolivaceus, Fr.—Mid. (Schwein.) Woods.
scaurus, Fr.—Mid. (Schw.) Pine woods.
croceo-cœruleus, Fr.—Mid. (Schw.) Woods.
maculosus, Fr.—Mid. (Schw.) Woods.
subtortus, Fr.—Mid. (Schw.) Woods.
collinitus, Fr.—Mid. (Schw.) Pine woods.
iodes, B. & C.—Low. Mossy ground.
argentatus, Fr.—Mid. (Schw.) Woods.
violaceus, Fr.—Mid. (Schw.) Woods.
violaceo-cinereus. Fr.—Mid. (Schw.) Damp woods.
albo-violaceus, Fr.—Mid. (Schw.) Woods.

CORTINARIUS pholideus, Fr.—Mid. (Schw.) Dense woods.
sublanatus, Fr.—Mid. (Schw.) Woody hill sides.
ochroleucus, Fr.—Mid. (Schw.) Woods.
decumbens, Fr.—Mid. (Schw.) Grassy woods.
anomalus, Fr.—Mid. (Schw.) Woody hill sides.
sanguineus, Fr.—Common. Damp woods.
cinnamomeus, Fr.—Common. Earth and wood.
" var: croceus, Fr.—Mid. (Schw.) On trunks.
macropus, Fr.—Mid. (Schw.) Pine woods.
bivelus, Fr.—Mid. (Schw.) Woods.
hinnuleus, Fr.—Low. Among leaves in Pine woods.
gentilis, Fr.—Mid. (Schw.) Pine woods.
flexipes, Fr.—Mid. (Schw.) Moist woods.
iliopodius, Fr.—Mid. (Schw.) Woods.
hemitrichus, Fr.—Mid. (Schw.) Among fallen leaves.
armeniacus, Fr.—(Schw.) Wooded hill sides.
castaneus, Fr.—Common. Earth in woods.
decipiens, Fr.—Mid. (Schw.) Woods.
acutus, Fr.—Mid. (Schw.) Mossy ground.

PAXILLUS *involutus*, Fr.—Low. and Mid. Sandy woods.
atro-tomentosus, Fr.—Mid. Pine woods.
flavidus, Berk.—Low. and Mid. Earth in woods.
Panuoides, Fr.—Common. Pine wood.
Curtisii, Berk.—Common. Pine and Fir wood.
reniformis, Berk. and Rav.—Up. (Rav.) Woods.
porosus, Berk.—Low. and Mid. Woods.

GOMPHIDIUS viscidus, Fr.—Low. Sandy woods.

HYGROPHORUS chrysodon, Fr.—Mid. (Schwein.) Woods.
eburneus, Fr.—Mid. (Schwein.) Woods.
purpurascens, Fr.—Mid. (Schwein.) Among rotting leaves.
erubescens, Fr.—Mid. (Schw.) Springy ground.
discoideus, Fr.—Mid. (Schw.) Pine woods.
tephroleucus, Fr.—Mid. (Schw.) Pine woods.
pratensis, Fr.—Mid. (Schw.) Hill sides.
cinnabarinus, Fr.—Common. Damp woods.
Cantharellus, Fr.—Common. Among decayed wood.
lætus, Fr.—Mid. (Schw.) Mossy ground.

Hygrophorus ceraceus, Fr.—Low. and Mid. Dried swamps.
coccinellus, Fr.—Low. Sandy woods.
luridus, B. & C.—Low. Swamps.
hæmatocephalus, B. & C.—Low. Pine woods.
coccineus, Fr.—Common. Mossy grounds.
miniatus, Fr.—Low. Damp woods and swamps.
mucilaginosus, B. & C.—Low. Swamps.
nitidus, B. & C.—Common. Swamps.
Ravenelii, B. & C.—Low. Wet grounds.
conicus, Fr.—Low. and Mid. Grassy land.
chlorophanus, Fr.—Mid. Among rotting leaves.
psittacinus, Fr.—Mid. (Schw.) Pastures.
Lactarius torminosus, Fr.—Low. and Mid. Woods.
turpis, Fr.—Mid. (Schw.) Woods.
insulsus, Fr.—Mid. (Schw.) Woods.
flexuosus, Fr.—Mid. (Schw.) Damp woods.
pergamenus, Fr. ?—Low. Woods.
piperatus, Fr.—Common. Dry woods.
vellereus, Fr.—Common. Dry woods.
deliciosus, Fr.—Low. and Mid. Pine woods.
Indigo, Fr.—Common. Woods.
chrysorheus, Fr.—Common. Swamps.
acris, Fr.—Mid. (Schw.) Woods.
pallidus, Fr.—Mid. (Schw.) Damp woods.
volemus, Fr.—Common. Woods.
subdulcis, Fr.—Common. Damp grounds.
subtomentosus, B. & R.—Common. Swamps.
camphoratus, Fr.—Low. Woods and thickets.
illacrymans, B. & R.—Common. Swamps.
helvus, Fr.—Mid. (Schw.) Woods.
fuliginosus, Fr.—Low. Woods and thickets.
Russula adusta, Fr.—Mid. (Schw.) Woods and thickets.
furcata, Fr.—Mid. (Schw.) Woods and thickets.
depallens, Fr.—Mid. (Schw.) Pine woods.
rubra, Fr.—Mid. (Schw.) Woods.
lepida, Fr.—Low. Pine woods.
virescens, Fr.—Mid. (Schw.) Woods.
lactea, Fr.—Mid. (Schw.) Woods.
emetica, Fr.—Common. Woods.

Russula ochroleuca, Fr.—Mid. (Schw.) Woody hill sides.
fœtens, Fr.—Mid. (Schw.) Woods.
fragilis, Fr.—Mid. (Schw.) Woods.
substiptica, Fr.—Mid. (Schw.) Pine woods.
nitida, Fr.—Mid. (Schw.) Woods.
alutacea, Fr.—Common. Woods.
ochracea, Fr.—Mid. (Schw.) Borders of woods.
lutea, Fr.—Mid. (Schw.) Woods.
Cantharellus *cibarius*, Fr.—Common. Woods.
floccosus, Schw.—Mid. and Up. Woods.
aurantiacus, Wulf.—Mid. (Schw.) Woods.
umbonatus, Fr.—Common. Woods among leaves.
tubæformis, Bull.—Common. Woods among leaves.
lutescens, Bull.—Mid. (Schwein.) Woods among leaves.
cinereus, Fr.—Mid. (Schw.) Woods among leaves.
muscigenus, Bull.—Mid. (Schw.) On Mosses.
crispus, Fr.—Mid. and Up. Dead wood and sticks.
lignatilis, B. & C.—Low. Carious wood.
helosioides, Schw.—Mid. (Schw.) Rotten sticks.
Nyctalis Asterophora, Fr.—Mid. and Up. Rotten Agarics.
Marasmius *oreades*, Fr.—Mid. (Schw.) Hill sides.
plancus, Fr.—Low. Rotten leaves.
spongiosus, B. & C.—Low. and Mid. Rotten leaves.
archyropus, Fr.—Mid. and Up. Rotten leaves.
scorodonius, Fr.—Mid. (Schw.) Decaying vegetation.
calopus, Fr.—Mid. (Schw.) Dead sticks.
Vaillantii, Fr.—Low. and Mid. On trunks.
clavæformis, Fr.—Mid. On dead plants.
ramealis, Fr.—Common. Dead leaves and sticks.
opacus, B. & C.—Low. Dead leaves and sticks.
siccus, Fr.—Mid. and Up. Earth among leaves.
hæmatocephalus, Mont.—Com. Earth, leaves, sticks, &c.
brevipes, B. & R.—Up. (Rav.) Dead twigs.
alliaceus, Fr.—Low. and Mid. Woods.
nigripes, Fr.—Mid. (Schw.) Fallen leaves.
androsaceus, Fr.—Mid. (Schw.) Among Mosses.
rotula, Fr.—Common. Dead sticks.
similis, B. & C.—Low. Earth.

MARASMIUS Graminum, Berk.—Low. Dead grass, herbs, &c.
pithyophilus, B. & C.—Low. Dead Pine leaves.
perforans, Fr.—Mid. (Schw.) Dead Fir leaves.
insititius, Fr.—Up. On fallen leaves.
pruinatus, B. & C.—Low. Dead bark and wood.
pusio, B. & C.—Low. Trunks.
dichrous, B. & C.—Low. Fallen limbs.
velutipes, B. & C.—Low. Rotting leaves in swamps.
epiphyllus, Fr.—Mid. (Schw.) Fallen leaves.
LENTINUS Schweinitzii, Fr.—Mid. (Schw.) Sides of trunks.
Lecontei, Fr.—Common. Logs and stumps.
strigosus, Fr.—Mid. (Schw.) Trunks of Tulip tree.
tener, Kl.—Low. Dead wood in swamps.
tigrinus, Fr.—Common. Logs and stumps.
Ravenelii, B. & C.—Common. Dead wood.
lepideus, Fr.—Common. Stumps.
cochleatus, Fr.—Mid. (Schw.) Dead wood.
friabilis, Fr.—Mid. (Schw.) Side of trunks.
chama, Fr.—Mid. (Schw.) Oak trunks.
flabelliformis, Fr.—Mid. (Schw.) Dead trunks.
pelliculosus, Fr.—Mid. (Schw.) Dead trunks.
Micheneri, B. & C.—Up. Dead wood.
pectinatus, Fr.—Mid. (Schw.) Side of trunks.
tenuissimus, Fr.—Mid. (Schw.) Bark of Willows.
PANUS conchatus, Fr.—Mid. and Up. Dead trunks.
torulosus, Fr.—Mid. and Up. Stumps.
levis, B. & C.—Low. and Mid. Trunks and logs.
fœtens, Secr.—Low. Dead wood.
dorsalis, Fr.—Low. and Mid. Pine stumps and logs.
stypticus, Fr.—Common. Dead wood.
dealbatus, Berk.—Up. Dead wood.
angustatus, Berk.—Mid. (Schw.) Dead wood.
XEROTUS nigrita, Lev.—Mid. and Up. Dead wood.
SCHIZOPHYLLUM commune, Fr.—Common. Dead wood.
LENZITES betulina, Fr.—Common. Logs and stumps.
Berkeleii, Lev.—Common. Logs and stumps.
trabea, Fr.—Mid. (Schw.) On wood.
striata, Fr.—Common. On wood.
abietina, Fr.—Common. Old posts and rails.

sepiaria, Fr.—Common. Old posts and rails.
Lenzites rhabarbarina, B. & C.—Low. Trunks.
tricolor, Fr.—Low. Dead limbs.
Klotschii, Berk.—Common. Trunks and logs.
Cratægi, Berk.—Common. Trunks and limbs.
variegata, Fr.—Mid. (Schw.) Trunks and limbs.
Boletus *luteus*, L.—Mid. (Schw.) Pine woods.
elegans, Fr.—Low. Earth in woods.
Curtisii, Berk.—Low. Earth in woods.
flavidus, Fr.—Common. Damp woods.
collinitus, Fr.—Mid. and Up. Pine woods.
granulatus, L.—Common. Woods and fields.
bovinus, L.—Common. Pine woods.
decipiens, B. & C.—Low. Damp woods.
piperatus, Bull.—Low. and Mid. Woods.
laeticolor, B. & C.—Mid. Woods.
Betula, Schw.—Mid. Ligneous earth.
variegatus, Fr.—Mid. Sphagnous grounds.
chrysenteron, Bull.—Mid. and Up. Damp woods and fields.
subtomentosus, L.—Common. Earth in woods.
hemichrysus, B. & C.—Low. Base of Pines.
rubiginosus, Retz.—Mid. Woods.
calopus, Fr.—Mid. (Schw.) Woods.
pachypus, Fr.—Low. Woods.
retipes, B. & C.—Mid. Woods.
Satanas, Lenz.—Mid. Woods.
purpureus, Fr.—Mid. Woods.
luridus, Schæff.—Mid. (Schw.) Woods.
edulis, Bull.—Mid. (Schw.) Woods.
versipellis, Fr.—Mid. Woods.
scaber, Bull.—Low. and Mid. Sandy woods.
felleus, Bull.—Low. and Mid. Banks and thickets.
castaneus, Bull.—Mid. (Schw.) Woods.
strobilaceus, Scop.—Common. Woods and thickets.
albo-ater, Schw.—Mid. (Schw.) Moist woods.
Ananas, M. A. C.—Low. Under Pine logs.

POLYPORUS (I. MESOPUS.)

leucomelas, Fr.—Mid. Woods.
ovinus, Schæff.—Low. and Mid. Earth in woods.
poripes, Fr.—Mid. and Up. Wooded ravines.
arcularius, Fr.—Mid. and Up. Dead sticks.
brumalis, Fr.—Low. and Mid. Dead sticks.
ciliatus, Fr.—Mid. (Schw.) Dead sticks.
Schweinitzii, Fr.—Mid. Pine woods.
tabulæformis, Berk.—Low. Earth in Pine woods.
persicinus, B. & C.—Low. In swamps.
dependens, B. & C.—Low. Under Pine logs.
rufescens, Fr.—Common. Carious wood.
tomentosus, Fr.—Low. Base of Pines.
perennis, Fr.—Common. Earth in woods.
parvulus, Kl.—Low. and Mid. Burnt places in woods.

(II. PLEUROPUS.)

Boucheanus, Fr.—Low. and Mid. On sticks.
" var: peponinus, B. & C.—Low. On sticks.
melanopus, Fr.—Mid. and Up. On sticks.
varius, Fr.—Mid. and Up. Trunks and limbs.
elegans, Fr.—Up. Earth.
lucidus, Fr.—Common. Buried roots.
Curtisii, Berk.—Common. Buried roots.
dealbatus, B. & C.—Low. Buried wood.
mutabilis, B. & C.—Com. Stumps and sticks in swamps.
rhipidius, Berk.—Common. Dead limbs.
sanguineus, Fr.—Common. On logs.

(III. MERISMA.)

frondosus, Fr.—Common. Earth and base of stumps.
cristatus, Fr.—Mid. (Schw.) Pine woods.
confluens, Fr.—Low. and Mid. Pine woods.
giganteus, Fr.—Low. and Mid. Base of stumps.
lobatus, Fr.—Low. Base of stumps.
sulphureus, Fr.—Common. Trunks and logs.
Berkeleii, Fr.—Mid. and Up. Woods.
distortus, Schw.—Low. and Mid. Clayey banks.
graveolens, Schw.—Common. On trunks.

(IV. Apus.)

epileucus, Fr.—Common. Dead trunks and limbs.
fissilis, B. & C.—Low. Stumps.
stypticus, Fr.—Mid. (Schw.) Pine woods.
lacteus, Fr.—Common. Trunks and stumps.
mollis, Fr.—Mid. (Schw.) On sticks.
cæsius, Fr.—Mid. (Schw.) On sticks.
destructor, Fr.—Mid. (Schw.) Wood and logs.
Aesculi, Fr.—Up. (Schw.) Trunk of Buckeye.
gilvus, Fr.—Common. Trunks and limbs.
adustus, Fr.—Common. Trunks and limbs.
crispus, Fr.—Mid. and Up. (Schw.) Chestnut Trunks.
isabellinus, Fr.—Mid. (Schw.) On trunks.
unicolor, Fr.—Low. and Mid. On trunks.
Pilotæ, Schw.—Mid. and Up. (Schw.) Chestnut trunks.
hispidus, Fr.—Common. Trunks.
labyrinthicus, Fr.—Mid. (Schw.) Trunks.
scarrosus, B. & C.—Low. Log of Tulip tree.
borealis, Fr.—Low. Logs.
cerifluus, B. & C.—Low. Decaying logs.
undulatus, Fr.—Mid. (Schw.) Trunks.
Symphyton, Fr.—Mid. (Schw.) Fallen limbs.
dryophilus, Berk.—Low. Oak (?) trunks.
resinosus, Fr.—Common. On logs.
palustris, B. & C.—Low. Pine trunk.
pallescens, Fr.—Mid. and Up. Trunks and limbs.
conchifer, Schw.—Mid. and Up. Dead limbs.
spissus, Fr.—Low. and Mid. Trunks.
applanatus, Fr.—Mid. and Up. Trunks and logs.
fomentarius, Fr.—Common. Trunks and limbs.
cupulæformis, B. & C.—Common. Bark of Walnut, Sumach, &c.
igniarius, Fr.—Common. Trunks and limbs.
senex, Mont.—Low. and Mid. Trunks.
conchatus, Fr.—Low. and Mid. Logs.
citrinellus, B. & C.—Mid. (Schw.) Trunks.
salicinus, Fr.—Common. Logs and limbs.
scutellatus, Schw.—Mid. and Up. Bark of limbs, &c.
pinicola, Fr.—Mid. (Schw.) Pine trunks.

marginatus, Fr.—Mid. (Schw.) Beech trunks.
carneus, Nees.—Common. Posts and logs.
annosus, Fr.—Common. Logs and wood.
cinnabarinus, Fr.—Common. Logs and limbs.
scruposus, Fr.—Common. Stumps and logs.
radiatus, Fr.—Up. Trunks.
cervinus, Fr.—Mid. (Schw.) Bark of Peach tree.
biformis, Kl.—Low. and Mid. Stumps, logs, sticks, &c.
undatus, Fr.—Up. Logs.
hirsutus, Fr.—Common. Trunks and limbs.
hirsutulus, Schw.—Low. and Mid. Dead limbs.
zonatus, Fr.—Mid. (Schw.) Dead wood.
versicolor, Fr.—Common. Trunks, limbs, &c.
decipiens, Schw.—Common. Trunks, limbs, &c.
zonalis, Berk.—Low. Trunks, limbs, &c.
abietinus, Fr.—Common. Pine and Fir limbs.
deglubens, B. & C.—Low. Dead Pine limbs.
dendriticus, Fr.—Low. Cypress stumps.
chartaceus, B. & C.—Mid. Trunk and limbs of Tulip tree.
velutinus, Fr.—Mid. Carious wood.
Sullivantii, Mont.—Common. Limbs.
pergameneus, Fr.—Common. Logs and limbs.
elongatus, Berk.—Low. Stumps and sticks.
cinerascens, Fr.—Mid. (Schw.) On wood.
virgineus, Schw.—Mid. and Up. Dead limbs.
Nilgerrhensis, Mont.—Mid. Logs.
Floridanus, Berk.—Low. Logs and limbs.
barbulatus, Fr.—Low. Bark of Cedar and Cypress.

(V. Resupinatus.)

obliquus, Fr.—Mid. and Up. Logs and trunks.
Viticola, Fr.—Mid. Grape vines.
contiguus, Fr.—Common. Dead sticks.
ferruginosus, Schrad.—Common. Dead limbs.
occidentalis, Kl.—Low. Logs.
niger, Berk.—Common. Carious wood.
xanthus, Fr.—Low. and Up. Under Pine wood.
nitidus, Fr. ?—Low. Bark of Tulip Tree.
pulchellus, Schw.—Low. and Mid. Underside of log.
aureolus, Grev.—Low. Pine wood.

fuscocarneus, Pers.—Low. Trunks.
crociporus, B. & C.—Mid. (Schw.) Oak trunks.
vitellinus, Fr.—Mid. (Schw.) Dead wood.
incarnatus, Fr.—Common. Bark and wood.
purpureus, Fr.—Mid. (Schw.) Wood.
medulla-panis, Fr.—Common. Wood.
mucidus, Fr.—Common. Wood.
callosus, Fr.—Low. Carious wood.
vulgaris. Fr.—Common. Carious wood.
Cremor, B. & C.—Low. Fallen limbs.
Stephensii, Berk.—Low. and Up. Dead limbs.
xantholoma, Schw.—Mid. (Schw.) Dead wood.
limitatus, B. & C.—Low. Dead wood.
nigropurpureus, Fr.—Mid. (Schw.) Under logs.
salmonicolor, B. & C.—Common. Carious wood.
Juglandinus, Fr.—Mid. (Schw.) On Walnut and Sycamore.
molluscus, Pers.—Low. On sticks.
sanguinolentus, A. & S.—Low. On mosses.
oxydatus, B. & C.—Low. Rotten wood.
sinuosus, Fr.—Low. Dead sticks.
vaporarius, Fr.—Common. Wood and bark.
aneirinus, Fr.—Low. Carious wood.
Vaillantii, Fr.—Up. (Rav.) Logs.
farinellus, Fr.—Common. Carious wood and bark.
reticulatus, Fr.—Mid. (Schw.) Wood.

Trametes sepium, Berk.—Common. Dead wood.
lactea, Berk.—Up. Stumps.
rigida, Berk.—Low. Logs.
rubescens, Fr.—Mid. (Schw.) On Willows.
Pini, Fr.—Low. Pine trunks.

Dædalea glaberrima. B. & C.—Low. On logs.
subtomentosa, Schw.—Mid. (Schw.) Trunks.
aurea, Fr.—Low. and Mid. Oak trunks.
cinerea, Fr. ?—Mid. and Up. Trunks.
unicolor, Fr. ?—Common. Stumps and logs.
zonata, Schw.—Mid. (Schw.) Trunks.

Hexagona carbonaria, B. & C.—Low. On burnt logs.

Glœoporus nigropurpurascens, (Schw.)—Com. Logs and trunks.

amorphus, (Fr.)—Low. and Mid. Logs and trunks.

Merulius incarnatus, Schw.—Common. Rotting logs.
confluens, Schw.—Mid. (Schw.) Dead Alders, &c.
tremellosus, Schrad.—Common. Rotten logs.
incrassatus, B. & C.—Low. Carious Pine stump.
Corium, Fr.—Common. Sticks and logs.
ceracellus, B. & C.—Low. Dead Oak limbs.
molluscus, Fr.—Mid. (Schw.) Wood.
fugax, Fr.—Low. Pine limbs.
Porinoides, Fr.—Common. Under Pine wood.
rufus, Pers.—Mid. (Schw.) Trunks.
serpens, Fr.—Low. and Mid. Pine trunks and limbs.
Brassicæfolius, Schw.—Low. and Mid. Damp wood, walls, &c.
lacrymans, Schum.—Mid. (Schw.) In cellars.

Porothelium fimbriatum, Fr.—Common. Carious wood.
lacerum, Fr.—Common. Wood and sticks.
subtile, Fr.—Common. Bark and wood.

Arrhytidia flava, B. & C.—Low. Pine bark and wood.
fulva, B. & C.—Low. Underside of Pine logs.

Fistulina *hepatica*, Fr.—Up. Base of trunks and stumps.
radicata, Fr.—Mid. (Schw.) Hollow trunks.

Hydnum (I. Mesopus.)

imbricatum, L.—Mid. and Up. Earth in woods.
subsquamosum, Batsch.—Common. Damp woods.
lævigatum, Swartz.—Low. Pine woods.
canum, Schw.—Mid. (Schw.) Mossy banks.
repandum, L.—Common. Woods.
rufescens, Schæff.—Mid. (Schw.) Woods.
compactum, Fr.—Low. and Mid. Woods.
aurantiacum, A. & S.—Mid. and Up. Hill sides.
ferrugineum, Fr.—Low. Pine woods.
spadiceum, Pers.—Mid. (Schw.) Pine woods.
velutinum, Fr.—Mid. Woods.
zonatum, Batsch.—Common. Woods.
graveolens, Delast.—Common. Base of stumps.
tomentosum, L.—Mid. (Schw.) Woods.

(II. Pleuropus.)

adustum, Schw.—Mid. and Up. On sticks.

(III. Merisma.)

coralloides, Scop.—Common. Side of trunks.
ramosum, Schw.—Mid. (Schw.) On wood.
Erinaceus, Bull.—Common. Base of trunks.
Caput-Medusæ, Bull.—Common. Trunks and logs.

(IV. Apus.)

gelatinosum, Scop.—Common. Trunks and logs.
cirrhatum, Pers.—Common. Logs.
pulcherrimum, B. & C.—Low. Stumps and logs.
amblyodon, M. A. C.—Mid. On wood.
strigosum, Swartz.—Mid. (Schw.) Trunks.
Rhois, Schw.—Common. Stumps and sticks.
læticolor, B. & C.—Low. Fallen limbs.
ochraceum, Pers.—Common. Sticks, stumps, &c.

(V. Resupinatus.)

fuscoatrum, Fr.—Common. Wood and sticks.
membranaceum, Bull.—Common. Wood and sticks.
ferruginosum, Schrad.—Common. Wood and bark.
croceum, Fr.—Mid. (Schw.) Wood.
sulfureum, Schw.—Mid. (Schw.) Dead limbs.
fragillimum, B. & C.—Low. Under rotten logs.
alutaceum, Fr.—Mid. Carious wood.
spathulatum, Fr.—Mid. (Schw.) Carious wood.
viride, Fr.—Mid. (Schw.) Rotting trunks.
udum, Fr.—Low. and Mid. Carious wood.
Himantia, Schw.—Mid. Carious wood.
mucidum, Pers.—Low. Trunks and wood.
diaphanum, Schrad.—Mid. (Schw.) Logs and leaves.
farinaceum, Pers.—Common. On wood.
fasciculare, A. & S.—Mid. (Schw.) Pine logs.
chrysodon, B. & C.—Low. On Oak chips.
Fascicularia, B. & C.—Low. Carious wood and bark.
velatum, B. & C.—Low. Underside carious wood.
ciliolatum, B. & C.—Low. Fallen limbs.
plumosum, Duby.—Low. Wood and bark.

caryophyllæum, B. & C.—Low. Carious wood.
xanthum, B. & C.—Low. and Up. Fallen limbs.
pithyophilum, B. & C.—Low. Pine wood.
plumarium, B. & C.—Low. On dead Viburnum.?
Nyssæ, B. & C.—Low. Log of Black Gum.
depauperatum, B. & C.—Low. Carious wood.
nudum, B. & C.—Common. Rotten wood, &c.

Hericium Hystrix, Fr.—Low. Base of trees.

Sistotrema confluens, Pers.—Mid. (Schw.) Woods.
occarium, Fr.—Mid. (Schw.) Trunks.

Irpex pendulus, Fr.—Low. Pine stumps.
fusco-violaceus, Fr.—Mid. (Schw.) Cedar and Pine trunks.
sinuosus, Fr.—Common. Stumps, limbs, &c.
pallescens, Fr.—Mid. (Schw.) Trunk of Tulip Tree.
crassus, B. & C.—Mid. Oak trunks.
mollis, B. & C.—Low. and Mid. Trunks and stumps.
tabacinus, B. & C.—Low. and Mid. Bark of White and Post Oaks.
Schweinitzii, B. & C.—Mid. and Up. Dead limbs.
paradoxus, Schrad.—Mid. (Schw.) On Birch and Cherry.
cinerascens, Schw.—Mid. (Schw.) Side of trunks.
obliquus, Fr.—Low. and Mid. On Sweet Gum.
Tulipiferæ, Schw.—Mid. (Schw.) On Tulip Tree.
deformis, Fr.—Mid. (Schw.) Trunks.
cinnamomeus, Fr.—Common. Trunks and limbs.
carneus, Fr.—Mid. (Schw.) On bark.

Radulum molare, Fr.—Common. Dead limbs.
pallidum, B. & C.—Low. Sticks.
lætum, Fr.—Common. Branches.
fagineum, Fr.—Mid. (Schw.) Wood of limbs.

Phlebia Merismoides, Fr.—Common. Dead limbs.
zonata, B. & C.—Low. and Up. Wood and limbs.
reflexa, B. & C.—Low. Oak limbs.
radiata, Fr.—Common. Limbs and logs.
orbicularis, B. & C.—Low. Fallen Oak limbs.
vaga, Fr.—Low. and Mid. Rotten logs.

Grandinia granulosa, Fr.—Common. Carious wood.

Odontia fimbriata, Fr.—Common. Fallen limbs.
lateritia, B. & C.—Up. Carious wood.

Sistotremoides, Fr.—Mid. (Schw.) On wood.
KNEIFFIA setigera, Fr.—Common. On wood.
candidissima, B. & C.—Com. Bark of Cedar and Grape.
tessulata, B. & C.—Low. Carious wood.
CRATERELLUS odoratus, Fr.—Low. and Mid. Earth in woods.
lutescens, Fr.—Low. Earth and rotten wood.
cornucopioides, Pers.—Common. Woods.
roseus, Fr.—Mid. (Schw.) Mossy banks.
Cantharellus, Fr.—Mid. (Schw.) Earth in woods.
THELEPHORA (I. MESOPUS.)
regularis, Schw.—Mid. (Schw.) Mossy banks.
pannosa, Fr. ?—Mid. (Schw.) Earth.
vialis, Schw.—Common. Woods and road sides.
tephroleuca, B. & C.—Mid. and Up. Woods.
tuberosa, Fr.—Mid. (Schw.) Earth.
anthocephala, Bull.—Common. Woods.
caryophyllæa, Fr.—Common. Woods.
multipartita, Schw.—Mid. (Schw.) Earth.
(II. MERISMA.)
Cladonia, Fr.—Mid. and Up. Woods.
palmata, Fr.—Common. Earth in woods.
pallida, Schw.—Common. Earth in woods.
candida, Fr.—Mid. (Schw.) Earth in woods.
terrestris, Ehrh.—Mid. and Up. Earth in woods.
gausapata, Fr.—Mid. (Schw.) Trunks.
lutosa, Schw.—Mid. (Schw.) Roadsides.
(III. APUS.)
fimbriata, Fr.—Mid. (Schw.) Earth.
spiculosa, Fr.—Mid. (Schw.) Pine woods.
laciniata, Pers.—Common. Earth and trunks.
biennis, Fr.—Mid. and Up. Earth and trunks.
cuticularis, Berk.—Mid. and Up. Earth and trunks.
frondescens, Fr.—Mid. (Schw.) Earth.
(IV. RESUPINATUS.)
Helvelloides, Schw.—Mid. (Schw.) Earth.
spongiosa, Schw.—Mid. (Schw.) Mossy rocks.
galactina, Fr.—Low. Side of ditches.
sebaccea, Fr.—Common. Leaves, grass, &c.

stabularis, Fr.—Mid. (Schw.) Stable manure.
umbrina, Fr.—Mid. and Up. Under logs and sticks.
arida, Fr.—Low. On Pine wood.
terrea, B. & C.—Low. Under prostrate Pine wood.
granosa, B. & C.—Common. Rotten logs.
ferruginea, Pers.—Mid. (Schw.) Fallen branches.
anthochroa, Pers.—Mid. (Schw.) Leaves and sticks.
mollis, Fr.—Mid. (Schw.) Pine wood.
pedicellata, Schw.—Common. On living branches.
fusca, Fr.—Mid. (Schw.) Bark of trunks.
bufonia, Pers.—Mid. (Schw.) Limbs of Sweet Gum.

STEREUM (I. MESOPUS.)

calyculus, B. & C.—Low. Moist woods.
tenerrimum, B. & R.—Low. Among Mosses.

(II. APUS.)

fasciatum, Fr.—Common. Trunks and limbs.
lobatum, Kze.—Common. Trunks and limbs.
versicolor, Swartz.—Low. Fallen limbs.
striatum, Fr.—Common. Dead limbs.
porrectum, Fr.—Mid. (Schw.) Dead limbs.
complicatum, Fr.—Common. Dead limbs.
purpureum, Pers.—Common. Trunks and stumps.
spadiceum, Fr.—Common. Trunks and stumps.
molle, Lev.—Mid. Logs.
hirsutum, Fr.—Common. Limbs and logs.
styracifluum, Schw.—Mid. (Schw.) On Sweet Gum.
sanguinolentum, A. & S.—Low. and Mid. Pine trunks.
ochraceo-flavum, Schw.—Common. On limbs.
bicolor, Fr.—Common. Logs and limbs.
Micheneri, B. & C.—Mid. and Up. Fallen limbs.
ferrugineum, Fr.—Mid. (Schw.) Fallen limbs.
rubiginosum, Schrad.—Common. Trunks and sticks.
papyrinum, Mont.—Low. Decaying logs.
tabacinum, Fr.—Mid. and Up. (Schw.) Fallen limbs.
cervinum, B. & C.—Low. Fallen Oak limbs.
imbricatulum, Schw.—Common. Trunks and branches.
Curtisii, Berk.—Common. Bark of White and Post Oaks
Leveilleanum, B. & C.—Low. and Mid. Dead limbs.

albobadium, Schw.—Low. and Mid. Trunks and branches.
candidum, Schw.—Low. and Mid. Bark of trees.
frustulosum, Fr.—Low. and Mid. Wood and stumps.
subpileatum, B. & C.—Common. Logs and stumps.
rugosum, Fr.—Mid. and Up. Trunks and logs.
Pini, Fr.—Mid. (Schw.) Pine bark.
alneum, Fr.—Mid. (Schw.) On wood.
acerinum, Fr.—Common. Bark of trees.

AURICULARIA mesenterica, Bull.—Mid. (Schw.) Trunks.

CORTICIUM (I. APUS.)

ochroleucum, Fr.—Low. and Up.? Fallen limbs.
subzonatum, Fr.—Mid. (Schw.) Wood.
evolvens, Fr.—Low. and Mid. On bark of trees.
salicinum, Fr.—Mid. (Schw.) On Willows.
Oakesii, B. & C.—Up. Bark of White Oak.

(II. HIMANTIA.)

giganteum, Fr.—Common. Bark and wood.
læve, Fr.—Common. Bark and wood.
Auberianum, Mont.—Common. Bark and wood.
roseum, Fr.—Mid. (Schw.) Bark of trunks.
velutinum, Fr.—Bark of Sweet Gum.
glabrum, B. & C.—Low. Sticks in wet ground.
sulfureum, Fr.—Mid. and Up. Wood, bark, &c.
Viticola, Fr.—Mid. and Up. Bark of Grape vines.
alutaceum, B. & C.—Mid. (Schw.) Carious wood.
cœruleum, Fr.—Common. Wood and bark.
atrovirens, Fr.—Mid. (Schw.) Carious wood.
arachnoideum, Berk.—Common. Wood and bark.
polyschistum, B. & C.—Low. Branches of Apple tree.
leucothrix, B. & C.—Low. Underside of Pine wood.

(III. LEIOSTROMA.)

calceum, Fr.—Common. Wood and bark.
Rubicola, B. & C.—Common. Blackberry stalks.
viscosum, Pers.—Mid. (Schw.) Putrid wood.
Martianum, B. & C.—Up. Putrid wood.
molle, B. & C.—Low. Putrid wood.
ochraceum, Fr.—Mid. (Schw.) Wood.
seriale, Fr.?—Mid. (Schw.) Pine wood.

quercinum, Pers.—Mid. and Up. Bark of Chestnut, &c.
albido-carneum, (Schw.)—Common. Carious wood.
cinereum, Fr.—Common. Bark of limbs.
scutellatum, B. & C.—Common. Bark of limbs.
incarnatum, Fr.—Common. Wood and bark.
polygonium, Pers.—Mid. (Schw.) Dead limbs.
corrugatum, Fr.—Common. Bark and wood.
Sambuci, Pers.—Mid. (Schw.) On Elder.
episphæria, (Schw.)—Mid. (Schw.) On wood and Hypoxylon stigma.

GUEPINIA Spathularia, Fr.—Common. Pine wood.
elegans, B. & C.—Low. and Up. Trunks and logs.

CYPHELLA lacera, Fr.—Mid. (Schw.) On vegetable matter.
Filicicola, B. & C.—Low. Stem of Ferns.
Capula, Fr.—Common. Stems of herbs.
fulva, B. & R.—Common. Branches of Alder.

SPARASSIS *crispa*, Fr.—Up. Earth.
laminosa, Fr.—Low. Oak log.
spathulata, Fr.—Low. and Mid. Earth.

CLAVARIA (I. RAMARIA.)

flava, Fr.—Common. Earth in woods.
Botrytis, Pers.—Common. Earth in woods.
fastigiata, L.—Mid. (Schw.) Grassy places.
muscoides, L.—Mid. (Schw.) Grassy places.
tetragona, Schw.—Mid. (Schw.) Damp woods.
cristata, Holmsk.—Mid. and Up. Damp woods.
rugosa, Bull.—Mid. (Schw.) Damp woods.
fuliginea, Pers.—Low. and Mid. Shady woods.
macropus, Pers.—Mid. (Schw.) Earth.
subtilis, Pers.—Mid. (Schw.) Shaded banks.
pyxidata, Pers.—Common. Rotten wood.
aurea, Schæff.—Common. Earth in woods.
formosa, Pers.—Common. Earth in woods.
abietina, Schum.—Mid. (Schw.) Ligneous Earth.
leucotephra, B. & C.—Mid. (Schw.) Among rotting leaves.
grisea, Pers.—Mid. (Schw.) Woods.
gracilis, Pers.—Mid. (Schw.) Shady banks.

stricta, Pers.—Common. Wood and earth.
byssiseda, Pers.—Mid. (Schw.) Rotting leaves.

(II. Syncoryne.)

inæqualis, Fr.—Common. Damp woods.
fusiformis, Sow.—Common. Fields and woods.
argillacea, Fr.—Mid. (Schw.) Fields and woods.
vermiculata, Scop.—Mid. (Schw.) Grassy fields.
fragilis, Holmsk.—Common. Earth in woods.
tenacella, Pers.—Mid. (Schw.) Woods.
fumosa, Pers.—Mid. (Schw.) Pine woods.

(III. Holocoryne.)

pistillaris, L.—Mid. (Schw.) Shady woods.
ligula, Fr.—Mid. (Schw.) Among shrubs.
contorta, Fr.—Up. On sticks.
falcata, Pers.—Mid. and Up. Mossy places.
vernalis, Schw.—Mid. (Schw.) Naked earth.
mucida, Pers.—Common. Damp rotting wood.
acuta, Sow.—Low. Mossy banks.
? trichomorpha, Schw.—Mid. (Schw.) Dead Corn stalks.

Calocera viscosa, Fr.—Mid. (Schw.) Pine woods.
palmata, Fr.—Common. Carious wood.
furcata, Fr.—Mid. (Schw.) Trunks.
cornea, Fr.—Common. Bark and wood.
pilipes, Schw.—Mid. (Schw.) On wood.

Crinula paradoxa, B. & C.—Low. On Oak leaves.

Typhula tenuissima, M. A. C.—Low. Rotting leaves.
Grevillei, Fr.—Low. Fruit and leaf stalks of Sweet Gum.
gyrans, Fr.—Mid. (Schw.) Stems of herbs.
mucosa, B. & C.—Low. Stems of herbs.

Pistillaria Muscicola, Fr.—Mid. and Up. On Mosses.
rosella, Fr.—Low. Rotting leaves.
elegans, B. & C.—Low. Dead twigs of Snow Ball.
micans, Fr.—Mid. (Schw.) Stems of herbs.
ovata, Fr.—Mid. (Schw.) Dead leaves.

Tremella foliacea, Pers.—Common. Trunks, logs, &c.
aurantia, Schw.—Common. Trunks, logs, &c.
lutescens, Fr.—Common. Trunks, logs, &c.
vesicaria, Bull.—Mid. (Schw.) Stems of plants.

mesenterica, Retz.—Common. On bark.
intumescens, Sm.—Common. Wood and limbs.
albida, Huds.—Common. Wood and limbs.
virens, Schw.—Mid. (Schw.) On Dogwood limbs.
enata, B. & C.—Low. Oak limbs.
sarcoides, With.—Mid. and Up. Trunks and branches.
parasitica, Schw.—Mid. (Schw.) On Lentinus tigrinus.

CORYNE gyrocephala, B. & C.—Low. Wet rotten wood.

EXIDIA Auricula-Judæ, Fr.—Common. Trunks.
auriformis, Fr.—Mid. (Schw.) On wood.
recisa, Fr.—Low. Fallen limbs.
pedunculata, B. & C.—Low. Pine wood.
glandulosa, Fr.—Common. Limbs and sticks.
crenata, Fr.—Mid. (Schw.) On limbs.

NÆMATELIA encephala, Fr.—Mid. and Up. Fallen limbs.
nucleata, Fr.—Common. Fallen limbs.

DACRYMYCES fragiformis, Nees.—Mid. (Schw.) On Hypoxylon stigma.
moriformis, Fr.—Low. Wood and bark.
violaceus, Fr.—Mid. (Schw.) Branch of Apple tree.
stillatus, Fr.—Common. Pine wood.
tortus, Fr.—Common. Pine wood.
deliquescens, Duby.—Up. Dead limbs.
lacrymalis, Pers.—Mid. (Schw.) On wood.
involutus, Schw.—Mid. (Schw.) Old wood.
pellucidus, Schw.—Mid. (Schw.) Wood.
Syringæ, Fr.—Low. and Mid. Dead bark of Lilac.
epiphyllus, Schw.—Mid. (Schw.) Leaf of Galium.

HYMENULA Phytolaccæ, B. & C.—Mid. Dead stem of Poke weed.

AGYRIUM nigricans, Fr.?—Low. Dry wood.

II. GASTEROMYCETES.

CAULOGLOSSUM transversale, Fr.—Low. and Mid. Earth in damp woods.
HYDNANGIUM Ravenelii, B. & C.—Low. Swampy ground.
RHIZOPOGON luteolus, Tul.—Mid. Swampy ground.
rubescens, Tul.—Low. and Mid. Swampy ground.
MELANOGASTER rubescens, Tul.—Up. Swampy ground.
PHALLUS duplicatus, Bosc.—Common. Earth in Pine woods.
indusiatus, Vent.—Mid. (Schw.) Earth.
impudicus, L.—Mid. Earth.
rubicundus, Fr.—Low. Earth.
CORYNITES brevis, B. & C.—Low. and Mid Fields and Gardens.
CLATHRUS columnatus, Bosc.—Low. and Mid. Sandy woods.
TULOSTOMA fimbriatum, Fr.—Common. In light soils.
mammosum, Fr.—Common. In ligneous earth.
LYCOPERDON *Bovista*, L.—Common. Grassy land.
candidum, Schw.—Mid. (Schw.) Grassy woods.
cœlatum, Bull.—Low. and Mid. Earth and stumps.
pusillum, Batsch.—Low. and Mid. Loose soil.
acuminatum, B. & C.—Low. and Mid. On Mosses.
gemmatum, Batsch.—Common. Woods and fields.
pyriforme, Schæff.—Common. Earth and rotten logs.
BOVISTA *nigrescens*, Pers.—Common. Grassy fields.
plumbea, Pers.—Common. Grassy fields.
cyathiformis, (Bosc.)—Common. Fields and banks.
GEASTER fornicatus, Fr.—Common. Earth in woods.
minimus, Schw.—Common. Earth in woods.
limbatus, Fr.—Up. Woods.
fimbriatus, Fr.—Low. Sandy woods.
saccatus, Fr.—Common. Earth.
rufescens, Pers.—Mid. (Schw.) Hill-sides.
hygrometricus, Pers.—Common. Earth.
fibrillosus, Schw.—Mid. (Schw.) Naked Earth.
SCLERODERMA Geaster, Fr.—Common. Clayey banks.
vulgare, Fr.—Common. Earth.

Texense, Berk.—Low. Sandy woods.
Bovista, Fr.—Low. Sandy woods.
Lycoperdioides, Schw.—Mid. (Schw.) Logs and ligneous earth.

Polysaccum Pisocarpium, Fr.—Low. Base of stumps, &c.

Arachnion album, Schw.—Low. and Mid. Earth.

Mitremyces lutescens, Schw.—Common. Damp woods.
cinnabarinum, Schw.?—Low. Damp woods.
Ravenelii, Berk.—Up. Earth.

Lycogala epidendrum, L.—Common. Rotten wood.

Reticularia umbrina, Fr.—Mid. (Schw.) Rotten trunks.
atra, Fr.—Mid. (Schw.) Pine wood.
Muscorum, Fr.—Mid. (Schw.) On Mosses.

Aethalium septicum, Fr.—Common. On wood, stumps, &c.
Ferrincola, Schw.—Mid. (Schw.) On a piece of iron.

Diderma stellare, Pers.—Low. Pine wood.
floriforme, Pers.—Mid. (Schw.) On trunks.
globosum, Pers.—Mid. (Schw.) Leaves.
difforme, Sommerf.—Mid. (Schw.) Stems of Irish Potato.
testaceum, Pers.—Mid. (Schw.) Dead stems of plants.
contextum, Pers.—Mid. (Schw.) Dead stems of plants.
reticulatum, Fr.—Mid. (Schw.) Dead leaves.

Leocarpus vernicosus, Lk.—Mid. and Up. Dead leaves, sticks, &c.

Didymium Clavus, Fr.—Mid. and Up. Rotting leaves.
furfuraceum, Fr.—Common. Dead wood.
rufipes, Fr.—Mid. (Schw.) On trunks.
tigrinum, Schrad.—Mid. (Schw.) Dead wood.
squamulosum, Fr.—Mid. (Schw.) Fallen leaves.
farinaceum, Schrad.—Low. Fallen leaves.
pusillum, B. & C.—Low. Rotting stem of herb.
xanthopus, Fr.—Common. Dead leaves, stems, &c.
chrysosepton, B. & C.—Low. Rotting leaves.
Ravenelii, B. & C.—Up. (Rav.) Rotten wood.
spumarioides, Fr.—Mid. and Up. Rotting leaves, Moss, &c.
luteo-griseum, B. & C.—Low. and Mid. Living leaves of Gonolobus, &c.
polycephalum, Schw.—Low. and Mid. Trunks; sticks, leaves, &c.

Curtisii, Berk.—Low. Living grass and leaves.
megalospermum, B. & C.—Low. Dead leaves.
Physaroides, Fr.—Low. Bark of trunks.
cinereum, Fr.—Low. and Mid. Bark of trunks.
terrigenum, B. & C.—Mid. Naked clayey soil.

PHYSARUM nutans, Pers.—Common. On dead wood.
aureum, Pers.—Common. On dead wood.
sulphureum, A. & S.—Mid. (Schw.) Dead leaves.
columbinum, Pers.—Mid. (Schw.) Trunk of Birch.
cupriceps, B. & R.—Low. Rotten Pine wood.
hyalinum, Pers.—Mid. (Schw.) Bark of trunks.
Licea, Fr.—Mid. (Schw.) Pine wood.
album, Fr.—Low. Fallen leaves.
decipiens, B. & C.—Low. Bark of Oak trunk.
confluens, Pers.—Mid. (Schw.) Stumps.
elegans, Schw.—Mid. (Schw.) Leaves and plants.
effusum, Schw.—Mid. (Schw.) On tan-bark.

ANGIORIDIUM sinuosum, Grev.—Common. Leaves, stems, &c.

CRATERIUM pedunculatum, Trent.—Mid. (Schw.) Leaves, stems, &c.
leucocephalum, Dittm.—Mid. (Schw.) Bits of wood.
globosum, Fr.—Low. Corn stalks.

DIACHEA elegans, Fr.—Common. Leaves, stems, grass, &c.

STEMONITIS fusca, Roth.—Common. Wood, leaves, Moss, &c.
ferruginea, Ehrb.—Common. Carious wood.
typhoides, D. C.—Low. and Mid. Wood and sticks.
oblonga, Fr.—Mid. Bark of trunks.
ovata, Pers.—Low. and Mid. Dead wood.
obtusata, Fr.—Common. Dead wood.
tenerrima, M. A. C.—Low. Dead stems.
papillata, Pers.—Mid. (Schw.) On wood.
Physaroides, A. & S.—Mid. (Schw.) Birch trunk.

ENERTHENEMA elegans, Bowm.—Low. Old roof of shed.

DICTYDIUM umbilicatum, Schrad.—Common. Pine wood.
microcarpum, Schrad.—Common. Carious wood.
venosum, Schrad.—Mid. (Schw.) Carious wood.

CRIBRARIA macrocarpa, Schrad.—Mid. (Schw.) Pine wood.
argillacea, Pers.—Mid. (Schw.) Rotten trunks.
purpurea, Schrad.—Mid. (Schw.) Carious wood.
vulgaris, Schrad.—Mid. (Schw.) Rotten trunks.

intricata, Schrad.—Common. Carious wood.
tenella, Schrad.—Mid. (Schw.) Carious wood.
minutissima, Schw.—Mid. (Schw.) Carious wood.
microscopica, B. & C.—Low. Old Pine wood.

ARCYRIA punicea, Pers.—Common. Carious wood.
incarnata, Pers.—Common. Carious wood.
cinerea, Fl. Dan.—Common. Carious wood.
nutans, Grev.—Common. Carious wood.
pallida, B. & C.—Low. Carious wood.
umbrina, Schum.—Common. Carious wood.
ochroleuca, Fr.—Mid. (Schw.) Carious wood.
globosa, Schw.—Mid. (Schw.) Chestnut burs.

TRICHIA rubiformis, Pers.—Mid. and Up. Rotten wood and Mosses.
pyriformis, Hoffm.—Common. Sticks and logs.
serotina, Schrad.—Common. Carious wood.
fallax, Pers.—Mid. (Schw.) Carious wood.
clavata, Pers.—Common. Carious wood.
nigripes, Pers.—Mid. (Schw.) Carious wood.
turbinata, With.—Common. Wood and sticks.
chrysosperma, D. C.—Common. Rotten wood.
varia, Pers.—Mid. and Up. Dead trunks and logs.
serpula, Pers.—Common. Dead herbs, sticks, &c.

LACHNOBOLUS cribrosus, Fr.—Mid. On logs.
cinereus, Schw.—Mid. (Schw.) Dead stems.

PERICHÆNA populina, Fr.—Common. Bark of trees.
marginata, Schw.—Low. and Mid. Bark of trees.
vermicularis, Fr. (Sum. Veg.)—Mid. (Schw.) Bark of trees.
luteo-valve, Fr. (Sum. Veg.)—Mid. (Schw.) Dead stems.

LICEA cylindrica, Fr.—Mid. and Up. Rotten wood.
fragiformis, Nees.—Common. Wood, Moss, &c.
stipitata, B. & R.—Low. and Up. Sticks and logs.
variabilis, Schrad.—Mid. (Schw.) Trunks.

TRICHODERMA viride, Pers.—Common. Bark and wood.

PYRENIUM terrestre, Tode.—Mid. (Schw.) Among putrid Lichens.

MYROTHECIUM roridum, Tode.—Low. Decaying leaves, &c.
Verrucaria, Dittm.—Low. Putrescent seeds of Watermelon.

HYPHELIA terrestris, Fr.—Mid. (Schw.) Shaded earth.

Nidularia pulvinata, Schw.—Common. On rotten wood.
Cyathus striatus, Hoffm.—Low. and Mid. Earth.
campanulatus, Fr.—Common. Woody matter.
Crucibulum, Pers.—Common. Wood and bark.
Sphærobolus stellatus, Tode.—Common. Wet or carious wood.
Thelebolus stercoreus, Tode.—Mid. (Schw.) Among manure.

III. CONIOMYCETES.

Microthyrium Smilacis, DeNot.—Common. Branches of Bamboo.
Leptostroma caricinum, Fr.—Common. Leaves of Carex.
Spireæ, Fr.—Low. Leaves of Paspalum.
litigiosum, Desm.—Low. and Mid. Stems of Pteris.
vulgare, Fr.—Common. Stems of plants.
Sphærioides, Fr.—Mid. (Schw.) Stems of plants.
Actææ, Schw.—Mid. (Schw.) Stems of Rattle Top.
Scandentium, Schw.—Mid. (Schw.) Shoots of Amphicarpæa.
Donacis, Schw.—Mid. (Schw.) Stalks of Arundo donax.
Phoma miserum, B. & C.—Low. Bark of Rose bushes.
erumpens, B. & C.—Mid. (Schw.) Branches of Bamboo.
decorticans, B. & C.—Low. Branchlets of Water Oak.
smilacinum, B. & C.—Low. On S. laurifolia.
pallens, B. & C.—Low. Dead branches of Grape vine.
Radula, B. & Br.—Low. Twigs of Apple and Sycamore.
mixtum, B. & C.—Low. Branches of Tulip Tree.
Syringæ, B. & C.—Low. Branches of Lilac.
mamillanum, B. & C.—Low. Leaf stalks of Sweet Bay.
longipes, B. & C.—Mid. Cedar twigs.
subconnata, B. & C.—Mid. (Schw.) Stalks of Gossypium,
Cucurbitacearum, (Fr.)—Common. On dry Cucurbita.
Horticola, B. & C.—Low. Bean pods.
Cimicifugæ, B. & C.—Mid. and Up. Stems of Rattle Top.

Glandicola, B. & C.—Low. Old White Oak Acorns.
complanata, Fr.—Mid. (Schw.) Stems of herbs.
navicularis, B. & C.—Mid. (Schw.) Stems of herbs.
aterrimum, B. & C.—Low. Old Corn stalks.
Uvicola, B. & C.—Low. and Mid. Rotting grapes.
Cacti, B. & C.—Low. Dead C. triangularis.
soriatum, B. & C.—Low. Dead C. triangularis.
cucurbitale, B. & C.—Low. Seeds of Watermelon.
Citrulli, B. & C.—Low. Seeds of Watermelon.
Peponis, B. & C.—Low. Seeds of Pumpkin.
cinctum, B. & C.—Low. Dying leaves of Elm.
maculaecola, B. & C.—Mid. Leaves of Hedera.
concentricum, Desm.—Low. Leaves of Yucca.
campylosporum, B. & C.—Low. Leaves of Panicum.
Filum, Fr.—Common. Grass leaves, &c.
Poarum, B. & C.—Low. Leaves of P. hirsuta.
aridum, B. & C.—Low. Leaves of Cyrilla.
Andromedæ, Schw.—Mid. (Schw.) Leaves of A. axillaris.

Apiosporium stilbosporoideum, Fr.—Mid. (Schw.) Carious limbs.

Cryptosporium filicinum, B. & C.—Low. Stem of Ferns.
Novæboracense, B. & C.—Mts. Bark of Abies.

Spæronema subulatum, Fr.—Mid. Rotting Agarics.
rufum, Fr.—Low. Bark of Magnolia glauca.
epigloium, B. & C.—Low. and Up. On Tremella.
Spina, B. & C.—Low. and Mid. Branches of Fraxinus.
aciculare, Fr.—Mid. (Schw.) On wood.
Acrospermum, Fr.—Mid. (Schw.) On fire wood.
macrosporum, B. & C.—Low. Branches of Robinia.
Ampelopsidis, B. & C.—Mts. Branches of A. quinquefolia.
penicillatum, B. & C.—Low. Rotting wood and bark.
ventricosum, Fr.—Mid. (Schw.) Bark of trunks.
cylindricum, Fr.—Mid. (Schw.) Stems of herbs.
conicum, Fr.—Mid. (Schw.) On wood.
hemisphericum, Fr.—Mid. (Schw.) Willow wood.
echinatum, B. & C.—Mts. Petiole discs of Rhododendron.
? collapsum, B. & C.—Low. and Mid. Leaves of Pyrus.

nitidum, B. & C.—Mid. Dead twigs of Negundo.
radulum, B. & C.—Low. Branches of Maple.
Hypocenia obtusa, B. & C.—Low. and Mid. Branches of Maple.
Aposphæria acuta, Berk.—Mid. (Schw.) Stems of herbs.
Cesatia turbinata, B. & C.—Low. Branches of Kerria, Persica, &c.
Acrospermum compressum, Tode.—Low. Stem of herbs.
foliicolum, B. & C.—Low. Various dead leaves.
viridulum, B. & C.—Low. Stem of herb.
Diplodia vulgaris, Fr.—Common. On dead branchlets.
Viticola, Desm.—Low. On Grape vines.
quisquiliarum, B. & C.—Low. Dried fibrillose roots.
pyrenophora, (Fr.)—Low. Branches of Apple tree.
dispersa, B. & C.—Low. Branches of Smilax.
tephrospora, B. & C.—Low. and Mid. Branches of Magnolia.
Pericarpii, B. & C.—Low. and Mid. Husks of Hickory.
Mori, Berk.—Mid. Branchlets of Mulberry.
megalospora, B. & C.—Low. Cones of Pinus tæda.
Zeæ, Lev.—Common. Old Corn-stalks.
Buxi, Fr.—Common. Dead Box leaves.
Visci, Fr.—Low. and Mid. Dead Misletoe.
Hendersonia variabilis, B. & C.—Low. Dead leaves of Oak.
prominula, B. & C.—Low. Dead leaves of Apple tree.
Curtisii, Berk.—Low. Dead leaves of Narcissus.
effusa, B. & C.—Low. Dead leaves of Aristida stricta.
nobilis, B. & C.—Low. Wood of Hickory branches.
hyalopus, B. & C.—Low. Branches of Rhus copallina.
pubens, B. & C.—Mid. Branches of Robinia.
pauciseptata, B. & C.—Low. Naked limbs of Lagerstræmia.
Sphæropsis pulchella, B. & C.—Com. Branches of Rhus copallina.
fusiger, B. & C.—Mid. Branches of Wistaria.
globosa, B. & C.—Mts. Branches of Cratægus.
hederaephila, B. & C.—Mid. Branches of Hedera.

Pennsylvanica, B. & C.—Mid. Fraxinus.
cellulosa, B. & C.—Low. Branches of Ficus.
Celtidis, M. A. C.—Mid. Galls of Celtis.
impressa, B. & C.—Low. Branches of Morus.
Corni, B. & C.—Low. Branches of C. florida.
Smilacis, B. & C.—Low. Branches of Smilax.
Malicola, B. & C.—Low. Dry wood of Apple tree.
insignis, B. & C.—Mid. Old Acorns.
caulincola, B. & C.—Low. Stem of herb.
coriarum, B. & C.—Mid. Old leather.
Gallæ, B. & C.—Common. Oak galls.
Candollei, B. & Br.—Mid. Leaves of Box.
seminalis, B. & C.—Low. Dried seeds of Watermelon.
Rhoidis, B. & C.—Low. and Mid. ? Leaves of Rhus copallina.

VERMICULARIA Dematium, Fr.—Common. Dead stems.
Liliaceorum, Schw.—Low. and Mid. Liliaceous stems.
acuminata, Schw.—Low. Dead Iris.
Graminum, Lib.—Low. Culm of Zea.
punctans, Schw.—Low. Leaves of Andropogon.
carbonacea, B. & C.—Low. Leaves of Magnol. grandiflora.
thecicola, Schw.—Mid. (Schw.) Capsules of Dicranum.

DISCOSIA Artocreas, Fr.—Common. On dead leaves and old Acorns.
clypeata, Not.—Low. and Mid. On dead leaves.
rugulosa, B. & C.—Up. Hickory leaves.
nitidissima, B. & C.—Low. Red-bay leaves.
ocellata, B. & C.—Low. Leaves of Magnol. grandiflora.

SEPTORIA Graminum, Desm.—Low. Leaves of Panicum.
Plantaginicola, B. & C.—Mid. Leaves of P. lanceolata.
Violae, Desm.—Mid. Leaves of Violets.
Magnoliæ, B. & C.—Low. Leaves of M. glauca.
Liriodendri, B. & C.—Low. Leaves of Tulip Tree.
Specularіæ, B. & C.—Low. Leaves of S. perfoliata.
ocellata, B. & C.—Low. Fallen leaves.
Dolichos, B. & C.—Low. Leaves of Cow Pea.
Rubi, B. & C.—Common. Leaves of Blackberry.

Vitis, B. & C.—Common. Leaves of Grape and Creeper.
Oenotheræ, B. & C.—Low. Leaves of O. sinuata.
nigricans, Schw.—Mid. (Schw.) Leaves of Chestnut.
maculans, B. & C.—Low. Leaves of Post Oak.
recta, B. & C.—Low. Fallen leaves.
fructicola, B. & C.—Low. Old fruit of Passiflora and Malus.
Phlyctænoides, B. & C.—Mid. In Datura.
saturnina, B. & C.—Mid. (Schw.) On stems.
breviuscula, B. & C.—Low. Branches of Robinia.
decipiens, B. & C.—Low. Branches of Lonicera.

Pestalozzia concentrica, B. & R.—Mid. and Up. Leaves of Malus and Cratægus.
Guepini, Desm.—Low. and Mid. Leaves of Sassafras, &c.
grandis, B. & C.—Up. Leaves of Smilax.
Pezizoides, Not.—Mid. Leaves of Vitis.
hysteriiformis, B. & C.—Common. Leaves of Quercus nigra, &c.
stictica, B. & C.—Low. Leaves of Platanus.
funerea, Desm.—Low. Branches of Cupressus thyoides.
torulosa, B. & C.—Mid. Old seeds of Watermelon.

Asteroma Robergei, Desm.—Low. Inside of dead stems.
vernicosa, Fr.—Mid. (Schw.) Dead stems.
Himantia, Fr.—Mid. (Schw.) Dead stems.
elegans, (Schw.)—Mid. (Schw.) Dead stems of Phytolacca.
crustacea, (Schw.)—Mid. (Schw.) Dead stems of Phytolacca.
inelegans, (Schw.)—Mid. (Schw.) Dead stems of Phytolacca.
Impatientis, (Schw.)—Mid. (Schw.) Dead stems of I. fulva.
lineola, (Schw.)—Mid. (Schw.) Dead stems of Liliacei.
Rosæ, Lib.—Low. Leaves of Rosa.
geographica, Fr.—Low. Leaves of Rosa.
Xanthii, Fr.—Mid. (Schw.) Leaves of X. strumarium.
Diospyri, (Schw.)—Mid. (Schw.) Leaves of Persimon.

Panici, (Schw.)—Mid. (Schw.) Leaves of Panicum.

MELANCONIUM Dothidea, Schw.—Mid. Bark of Mulberry.
cinctum, B. & C.—Up. Bark of Chestnut limbs.
sphæroideum, Lk.—Mid. (Schw.) Bark of Birch.
sphærospermum, Lk.—Mid. (Schw.) On Reed stems.

DISCELLA Magnoliæ, B. & C.—Up. Bark of limbs of M. cordata.

DIDYMOSPORIUM elevatum, Lk.—Mid. (Schw.) Bark of Birch.

STILBOSPORA magna, Berk.—Up. Bark of Walnut.
ovata, Pers.—Common. On bark.
macrosperma, Pers.—Mid. (Schw.) Putrid wood.
tenuis, B. & C.—Low. Bark of Morus.
Pinicola, B. & C.—Low. Fallen Pine leaves.

ASTEROSPORIUM Hoffmani, Kze.—Mid. (Schw.) Dead limbs.

CYTISPORA rubescens, Fr.—Up. Bark of Pyrus Americana.
chrysosperma, Fr.—Mid. (Schw.) On limbs.
Pinastri, Fr.—Up. Pine leaves.
Ailanthi, B. & C.—Low. Branches of Ailanthus.
chloroglœa, B. & C.—Up. Branches of Cornus sericea.
leucosperma, Fr.—Common. Branches of various trees.
leucophthalma, B. & C.—Low. Bark of Prunus Caroliniana.
melasperma, Fr.—Mid. (Schw.) Bark of Betula.
parva, B. & C.—Low. Branches of Robinia.
betulina, Ehrb.—Mid. (Schw.) Bark of Birch.
laxa, B. & C.—Low. Bark of Calycanthus.
hyalosperma, Fr.—Mid. Bark of Maple.
Persicæ, Schw.—Common. Branchlets of Peach.
sphærocephala, (Schw.)—Mid. (Schw.) Branchlets of Hydrangea or Sassafras.

NEMASPORA crocea, Pers.—Common. Trunks and branches.
erythrella, B. & C.—Low. Branches of Rose.
decipiens, B. & R.—Up. (Rav.) On limbs.

MYXOSPORIUM nitidum, B. & C.—Up. Branches of Cornus alternifolia.
Musæ, B. & C.—Low. On decaying Bananas.

CORYNEUM compactum, B. & Br.—Mid. Branches of Betula nigra.
pulvinatum, Kze.—Mid. Branches of Hedera.
Staphyleae, M. A. C.—Mid. Branches of Staphylea.
decipiens, B. & C.—Up. Branches of Castanea.

unicolor, M. A. C.—Mid. Bark of Cedar.

Bactridium flavum, Kze.—Mid. (Schw.) Carious wood.

? Excipula Liliorum, Schw.—Mid. (Schw.) Stems of Lilium.

Dinemasporium strigosum, (Fr.)—Common. Wood and stems of plants.

hispidulum, (Schrad.)—Mid. (Schw.) On Sambucus.

Seiridium inarticulatum, B. & C.—Low. Branchlets of Liquidambar.

Torula herbarum, Pers.—Common. Stems of herbs.

antennata, Pers.—Mid. (Schw.) Pine roofs.

dissita, B. & C.—Low. Inside of Oak log.

Dictyosporium elegans, Cda.—Low. Branch of Magnolia glauca.

Helicomyces aureus, Cda.—Low. Wood of Pine and Cedar.

Septonema spilomeum, Berk.—Common. On rails, boards, &c.

cespitosum, B. & C.—Low. Leaves of Liriodendron.

circinatum, B. & C.—Low. Leaves of Liriodendron.

obscurum, B. & C.—Low. Wet Pine wood.

dendryphioides, B. & C.—Low. Wet Pine wood.

multiplex, B. & C.—Low. Wood of Nyssa and Quercus.

breviusculum, B. & C.—Low. Living trunk of Acer.

Sporidesmium concinnum, Berk.—Common. Carious wood.

fusus, B. & C.—Up. Branch of Magnol. acuminata.

adscendens, Berk.—Low. Rotting wood and bark.

Vaccinii, B. & C.—Low. Wood of Vaccinium.

epiphyllum, B. & C.—Up. Living leaves of Castanea.

curvatum, B. & C.—Common. Living leaves of Cratægus.

Asteriscus, B. & C.—Low. Living leaves of Pycnanthemum.

maculare, B. & C.—Low. Living leaves of Magnol. glauca.

acinosum, B. & C.—Low. Carious Oak wood.

stygium, B. & C.—Low. Carious Oak wood.

atrum, Lk.—Mid. Branches of Hedera.

compactum, . & C.—Common. Carious wood.

nigrum, Berk.—Up. (Rav.) Carious wood.

compositum, B. & R.—Up. (Rav.) On rails and wood.

Lepraria, Berk.—Mid. and Up. Old rails and wood.
melanopum, B. & Br.—Up. Old rails and wood.
chartarum, B. & C.—Mid. Damp paper.

CONIOTHECIUM Juglandis, B. & C.—Mid. Bark of Walnut.

SPILOCÆA Pomi, Fr.—Common. Skin of Apples.

GYMNOSPORIUM fulvum, B. & C.—Low. Putrid wood.
Zeæ, B. & C.—Low. Dead Corn stalks.

AREGMA speciosum, Fr.—Mts. Branches of Rose bush.
mucronatum, (Pers.)—Mid. and Up. Leaves of Rose.

PUCCINIA Silphii, Schw.—Low. and Mid. Leaves of Silphium.
Amorphæ, M. A. C.—Low. Leaves of Amorpha.
Myrrhis, Schw.—Mid. Leaves of Osmorhiza.
Circeæ, Pers.—Mid. and Up. Leaves of Circæa.
microsperma, B. & C.—Low. Leaves of Lobelia puberula.
aculeata, Schw.—Common. Leaves of Podophyllum.
Helianthi, Schw.—Common. Leaves of Helianthus.
Verbesinæ, Schw.—Common. Leaves of Verbesina.
Heliopsidis, Schw.—Mid. (Schw.) Leaves of Heliopsis and Vernonia.
Xanthii, Schw.—Common. Leaves of Xanthium and Ambrosia.
Centaureæ, D. C.—Low. Leaves of Conoclinium.
Menthæ, Pers.—Common. Leaves of Labiatæ.
Smilacis, Schw.—Common. Leaves of Smilax.
Galii, Schw.—Mid. (Schw.) Leaves of Galium.
solida, Schw.—Mid. (Schw.) Leaves of Anemone.
Polygonorum, Schlecht.—Mid. (Schw.) On Polygonum.
bullata, Schw.—Mid. (Schw.) Stem of herbs.
Pruni, D. C.—Low. and Mid. Leaves of Prunus.
Graminis, D. C. (Rust.)—Common. Leaves and culms of Grasses.
Arundinariæ, Schw.—Low. Leaves of Reed.
striola, Strauss.—Common. Leaves of Gram; and Cyp.
Caricis, D. C.—Leaves of Sedge Grass.

GYMNOSPORANGIUM Juniperi, Lk.—Common. Branches of Cedar.

PODISOMA macropus, Schw. (Cedar Balls.)—Common. Branches of Cedar.
Juniperi, Lk.—Mid. Branches of Cedar.

UREDO Rubigo, D. C. (Rust.)—Com. Leaves and stems of Grasses.

caricina, D. C.—Low. and Mid. Leaves of Carex.
linearis, Pers.—Common. Leaves of Triticum, &c.
Azaleæ, Schw.—Low. and Mid. Leaves of Honeysuckle.
Hydrangeæ, B. & C.—Mid. Leaves of H. arborescens.
Prunastri, D. C.—Low. Leaves of Persica.
epitea, Kze.—Common. Leaves of Willows.
Vacciniorum, Johnst.—Low. Leaves of V. hirtellum.
Toxicodendri, B. & R.—Mid. Branches and petioles of Toxicodendron.
Helianthi, Schw.—Common. Leaves of Helianthus and Vernonia.
Terebinthinaceæ, Schw.—Mid. (Schw.) Leaves of Silph: terebinth:
Ipomœæ, Schw.—Low. and Mid. Leaves of Ipomœa.
Campanularum, Lk.—Mid. (Schw.) Leaves of Specularia.
Onagrarum, Lk.—Mid. (Schw.) Leaves of Circæa.
Hydrocotyles, Lk.—Low. Leaves of Hydrocotyle.
Smilacis, Schw.—Common. Leaves of Smilax.
Polygonorum, D. C.—Low. and Mid. Leaves of Polygonum.
Solidaginis, Schw.—Common. Leaves of Aster, Solidago, &c.
Potentillæ, D. C.—Common. Leaves of Potentilla and Agrimonia.
Ruborum, D. C.—Common. Leaves of Rubus.
luminata, (Schw.)—Common. Leaves of Rubus.
effusa, Strauss.—Common. Branches and petioles of Rosa.
Elephantopodis, Schw.—Com. Leaves of Elephantopus.
Labiatarum, D. C.—Common. Leaves of Labiatæ.
Hyptidis, M. A. C.—Low. Stem and leaves of Hyptis.
punctosum, Lk.—Mid. (Schw.) Leaves of Euphorbia.
Leguminosarum, Lk.—Mid. (Schw.) Leaves of Faba.
Heucheræ, Schw.—Mid. (Schw.) Leaves of H. Americana.
Ari-Virginici, Schw.—Mid. (Schw.) Leaves of Arum.

Uromyces appendiculosa, Lev.—Mid. (Schw.) Leaves of Pisum and Phaseolus.
apiculosa, Lev.—Common. Leaves of Euphorbia, &c.
solida, B. & C.—Low. and Mid. Leaves of Desmodium.
Phaseoli, (Strauss.)—Common. Leaves of Phaseolus, &c.

Lespedezæ-violaceæ, (Schw.)—Common. Leaves of L. violacea.

Lespedezæ-procumbentis, (Schw.)—Common. Leaves of L. procumbens.

Spermacoces, (Schw.)—Common. Stem and leaves of S. diodina.

Hyperici, (Schw.)—Mid. and Up. Leaves of Hypericum.

PILEOLARIA brevipes, B. & R.—Common. Leaves of Toxicodendron.

RAVENELIA glanduliformis, B. & C.—Low. and Mid. Leaves of Tephrosia.

USTILAGO segetum, Pers. (Smut.)—Common. In heads of Oats, &c.

fœtens, B. & C. (Stinking Smut.)—Mid. In heads of Wheat.

Zeæ, Schw. (Corn Smut.)—Common. Ears of Corn.

spermophorus, B. & C.—Low. Flowers of Poa megastachya.

Montagnei, Tul.—Low.—Seeds of Rhynchospora.

Junci, Schw.—Mid. (Schw.) Seed of Juncus.

Urceolorum, (D. C.)—Mid. and Up. Seeds of Carex.

utriculosa, (Nees.)—Common. Seeds of Polygonum.

hypodites, Fr.—Low. Culms of Arundinaria.

RŒSTELIA lacerata, (Sow.)—Common. Leaves of Cratægus, &c.

cancellata, (Jacq.)—Common. Leaves of Apple trees.

Fraxini, (Schw.)—Mid. and Low. Leaves of Fraxinus.

AECIDIUM Cimicifugæ, Schw.—Mid. & Up. Leaves of Cimicifuga.

Podophylli, Schw.—Common. Leaves of P. peltatum.

Hibisci, Schw.—Up. Leaves of H. Moscheutos.

Penstemonis, Schw.—Mid. Leaves of Penstemon.

Ari, Berk.—Mid. (Schw.) Leaves of A. triphyllum.

leucostictum, B. & C.—Low. Leaves of Lespedeza.

Euphorbiæ-hypericifoliæ, Sz.—Low. and Mid. Leaves of E. hypericifolia.

Epilobii, D. C.—Low. Leaves of Ludwigia.

Grossulariæ, D. C.—Mts. Leaves of Ribes.

Compositarum, Mart.—Common. Leaves of Compositæ.

Convolvuli, Schw.—Low. Leaves of Ipomœa.

Uvulariæ, Schw.—Mid. (Schw.) Leaves of Uvularia.

Dracontii, Schw.—Mid. (Schw.) Leaves of Arum Dracontium.

Rumicis, Pers.—Mid. (Schw.) On Rumices.

Lysimachiæ, Schlect.—Mid. (Schw.) Leaves of Lysimachia.

Apocyni, Schw.—Mid. (Schw.) Leaves of Apocynum.

Asterum, Schw.—Mid. (Schw.) Leaves of Aster.

Helianthi-mollis, Schw.—Mid. (Schw.) Leaves of H. mollis.

Clematitis, Schw.—Low. and Mid. Leaves of C. Virginica.

Ranunculacearum, D. C.—Mid. (Schw.) Leaves of Ranunculi.

Geranii, D. C.—Mid. (Schw.) Leaves of Geranium.

Impatientis, Schw.—Mid. (Schw.) Leaves of Impatiens.

Hyperici-frondosi, Schw.—Mid. (Schw.) Leaves of H. frondosum.

Violæ, D. C.—Mid. (Schw.) Leaves of Violæ.

Urticæ, D. C.—Mid. (Schw.) Leaves of Urtica and Cynoglossum.

Sambuci, Schw.—Mid. (Schw.) Leaves of S. Canadensis.

Berberidis, Pers.—Mid. (Schw.) Leaves of B. Canadensis.

crassum, D. C.—Low. Leaves and petiole of Berchemia.

Smilacis, Schw.—Mid. (Schw.) Leaves of Smilax.

Peridermium Pini, Fr.—Common. Leaves and bark of Pines.

Cronartium asclepiadeum, Fr.—Mid. Leaves of Comptonia.

Cystopus candidus, Lev.—Common. Leaves of Portulacca, Capsella, &c.

IV. HYPHOMYCETES.

Isaria farinosa, Fr.—Low. and Mid. Buried chrysalids.
Sphingum, Schw.—Mid. Dead Moths on bushes.
Aranearum, Schw.—Mid. (Schw.) Dead spiders.
nigripes, Schw.—Mid. (Schw.) Buried chrysalids.
carnea, Pers.—Mid. (Schw.) Bark and leaves on the ground.
epiphylla, Pers.—Mid. (Schw.) Fallen leaves.
citrina, Pers.—Mid. (Schw.) Rotten trunks.
brachiata, Schum.—Mid. (Schw.) On dead Agarics.
umbrina, Pers.—Low. and Mid. Rotten wood and bark.

Ceratium Hydnoides, A. & S.—Common. Putrid wood.
Porioides, A. & S.—Low. and Mid. Pine wood.

Pterula plumosa, Schw.—Low. and Mid. Among herbs and shrubs.

Dacrina cinnabarina, Nees.—Mid. (Schw.) Under Walnut bark.

Stilbum tomentosum, Schrad.—Low. On Trichia and Arcyria.
fimetarium, Berk.—Low. On Rabbit dung.
byssinum, Pers.—Mid. (Schw.) Putrid Agarics.
bulbosum, Tode.—Mid. (Schw.) On stems.
piliforme, Pers.—Mid. (Schw.) Chestnut burs.
lateritium, Berk.—Common. On bark.
cinereo-rubrum, B. & C.—Low. Cyrilla and Hibiscus Syriacus.
cinnabarinum, Mont.—Low. and Mid. Bark of Morus and Vitis.
carcinophthalum, B. & C.—Low. Dead stems of Pastinaca.
leucocephalum, B. & C.—Low. Bark of Carya.
Rhois, B. & C.—Common. Bark of Rhus.
vulgare, Tode.—Mid. (Schw.) On wood.
gelatinosum, Pers.—Mid. (Schw.) On trunks.
rigidum, Pers.—Mid. (Schw.) Putrid wood.
turbinatum, Tode.—Mid. (Schw.) On wood.
rubicundum, Tode.—Mid. (Schw.) Beech stumps.

Atractium Fusisporium, B. & C.—Up. Bark of Acer Pennsylvanicum.
Graphium explicatum, B. & C.—Low. Limbs of Quercus and Persica.
clavisporum, B. & C.—Low. Living Grape leaves.
Hyalopus mucorinus, B. & C.—Low. On excrement of birds.
parasitans, B. & C.—Low. On exolete Hydnum.
griseus, B. & C.—Low. Under bark of Nyssa.
Epicoccum scabrum, Cda.—Low. Dried root of Nyssa.
neglectum, Desm.—Low. Tassels of Indian Corn.
sphærospermum, B. & C.—Low. Dead leaves of Arundinaria.
Illosporium coccineum, Fr.—Low. On bark and Lichens.
persicinum, Fr.—Low. On pine palings.
Stigmatella aurantiaca, B. & C.—Low. Bark and wood of Hibisc: Syriacus.
Fusarium roseum, Lk.—Common. Dead stems.
lateritium, Nees.—Low. Bark of trees.
aurantiacum, Cda.—Low. On putrid Cucurbita.
pallens, B. & C.—Low. Heads of Juncus.
arcuatum, B. & C.—Low. Bark of P. Malus.
sticticum, B. & C.—Low. Dead twigs of Persica.
Volutella ciliata, Fr.—Mid. (Schw.) Dejected stems.
Gloeosporium versicolor, B. & C.—Low. On putrescent Apples.
Peponis, B. & C.—Low. Putrescent Muskmelon.
Cheiromyces stellatus, B. &C.—Low. On Scirpus Eriophorum.
Tubercularia granulata, Pers.—Common. On bark.
vulgaris, Tode.—Mid. (Schw.) Bark of Ribes, &c.
minor, Lk.—Mid. (Schw.) Limbs of Castanea.
microsperma, B. & C.—Low. Dejected Pine cones.
dubia, Schw.—Low. and Mid. Bark of Rhus, &c.
nigricans, D. C.—Mid. Bark of Fraxinus, &c.
persicina, Dittm.—Low. On Uredo luminata.
Pachnocybe subulata, Berk.—Low. On bark.
rosella, B. & C.—Low. Bark of Robinia, Melia, &c.
Sporocybe calicioides, Fr.—Common. On bark.
Rhois, B. & C.—Low. and Mid. Bark of Rhus.
Persicæ, Fr.—Common. Bark of Persica, and Cerasus.
Byssoides, Fr.—Common. Putrescent stems and bark.

fasciculata, (Schw.)—Mid. (Schw.) Dead stems.
bulbosa, (Schw.)—Mid. (Schw.) Dead stems.
macularis, (Schw.)—Mid. (Schw.) Dead stems and wood.
alternata, Berk.—Mid. Damp paper.

Oedemium atrum, Cda.—Low. Branches and leaves.

Myxotrichum affine, B. & C.—Low. Culms of Arundinaria.

Actinocladium Penicillus, Fr.—Mid. (Schw.) Leaves of Sassafras.

Glenospora Curtisii, B. & Desm.—Common. Living limbs of Nyssa, Quercus, &c.
Melioloides, M. A. C.—Mid. and Up. Living leaves of Galax.

Helminthosporium Tiara, B. & R.—Mts. (Rav.) Bark of trunks.
princeps, B. & C.—Low. Bark of living Quercus.
macrocarpon, Grev.—Com. Bark of branches.
corticale, Schw.—Mid. (Schw.) Bark of Platanus
obtusissimum, B. & C.—Mid. Bark of Fraxinus.
arbuscula, B. & C.—Low. Bark of Rhus copallina.
caudatum, B. & C.—Mts. Bark of Castanea pumila.
melanosporum, B. & C.—Low. Bark of dejected limbs.
siliquosum, B. & C.—Low. Bark of Vitis and Smilax.
lanceolatum, B. & C.—Low. Bark and wood of Cornus florida.
fragillimum, B. & C.—Low. Branches of Smilax.
rectum, B. & C.—Low. Carious wood.
molle, B. & C.—Low. Dead stems.
Ravenelii, M. A. C.—Low. Spikes of Sporobolus Indicus.
nodosum, B. & C.—Low. Spikes of Eleusine Indica.
Petersii, B. & C.—Low. Leaves of Smilax.

Podosporium rigidum, Schw.—Common. On Rhus and Ampelopsis.
Briareus, B. & C.—Low. Oak limbs.
prælongum, B. & C.—Low. Branches of Vaccinium arboreum.

Mystrosporium Rubigo, B. & C.—Mid. and Up. On dead Phytolacca and Grasses.
Stemphylium Fuligo, B. & C.—Up. Branch of Rhus glabrum.
Triposporium elegans, Cda.—Low. Putrescent stems.
Drepanispora pannosa, B. & C.—Low. Disk of carious stump.
Helicosporium griseum, B. & C.—Low. Fallen limbs in swamps.
fuscum, B. & C.—Low. Under pine wood in swamps.
Helicoma Berkeleii, M. A. C.—Low. Old wood and bark.
Cladotrichum scyphophorum, Cda.—Up. Carious wood.
Polythrincium Trifolii, Kze.—Common. Living leaves of Trifolium.
Cladosporium herbarum, Lk.—Common. Dead leaves and stems.
epiphyllum, Nees.—Mid. (Schw.) Fallen leaves.
apiculatum, B. & C.—Low. Dead stems of Helianthus.
stenosporum, B. & C.—Low. Fallen leaves of P. Malus.
microspermum, B. & C.—Low. Fallen leaves of Querc. obtusifolia.
personatum, B. & C.—Low. Leaves of Arachis and Cassia.
compactum, B. & C.—Low. Leaves of Arundinaria.
Bignoniæ, Schw.—Mid. (Schw.) Legumes of Bignonia and Catalpa.
Fumago, Lk.—Low. Leaves in low places.
Macrosporium Cheiranthi, Fr.—Common. On dead herbs.
circinans, B. & C.—Low. Decayed Cabbage leaves.
pinguedinis, Berk.—Low. Dead stems.
echinellum, B. & C.—Low. and Mid. Leaves of Platanus and Ilex.
antennæforme, B. & C.—Mid. and Up. Leaves of Celtis.
Aspergillus glaucus, Lk.—Common. On various decaying matter.
maximus, Lk.—Low. Putrid Polyporus and Boletus,
alutaceus, B. & C.—Low. Mouldy Corn.
Curtisii, Berk.—Low. and Mid. Carious wood, bark, &c.
roseus, Lk.—Low. and Mid. Hen dung.

crocatus, B. & C.—Low. Rotting squash.
aurantiacus, Berk.—Low. Carious Pine wood.
pulvinatus, B. & C.—Low. Rotting sticks and herbs in heaps.

BOTRYTIS Viticola, B. & C.—Common. Leaves of Grape.
parasitica, Pers.—Low. and Mid. Cabbage leaves.
prasia, B. & C.—Low. Carious Oak wood.
pallida, B. & C.—Low. Dead leaves of Arundinaria.
lateritia, Fr.—Mid. and Up. Carious wood.
cinerea, Pers.—Mid. (Schw.) Rotting Cucurbita.
Bassiana, Bals.—Low. On Silk worms.

STREPTOTHRIX atra, B. & C.—Common. On limbs of Oak, &c.

CAMPSOTRICHUM circinatum, B. & C.—Low. Fallen leaves of Magnol: grandifl.

MENISPORA apicalis, B. & C.—Low. Carious wood in swamps.

VERTICILLIUM pulvinatum, B. & C.—Low. Bark of Acacia Julibrissin.
rosellum, B. & C.—Low. Fallen leaves of Phoradendron.
stigmatellum, B. & C.—Low. Rotting Cucurbita verrucosa.

PENICILLIUM crustaceum, Fr.—Common. On fruit, vinegar, &c.
candidum, Lk.—Mid. On Fungi.
armeniacum, Berk.—Mid. Decaying vegetable matter.

DACTYLIUM macrosporum, Fr.—Low. and Mid. Rotting sticks, stems, &c.
dendroides, Fr.—Mid. (Schw.) On Fungi.

SPORODUM atropurpureum, B. & C.—Low. Dead roots of Grass.

RHINOTRICHUM tenellum, B. & C.—Low. Rotten Onion.
fusiferum, B. & C.—Low. Wood in wet ground.
ramosissimum, B. & C.—Low. Rotten wood.
Curtisii, Berk.—Low. Rotten wood in swamps.
armeniacum, B. & C.—Low. Rotting Polyp. Schweinitzii.
cucumerinum, B. & C.—Low. Dejected culm of Zea.

SPOROTRICHUM sulfureum, Grev.—Mid. (Schw.) In fissures of wood.
vitellinum, Lk.—Mid. (Schw.) On posts.

virescens, Fr.—Mid. (Schw.) On bark.
? æruginosum, Schw.—Mid. (Schw.) Rotten log.
Oidium fructigenum, Kze.—Common. On putrescent fruit.
Monilioides, Lk.—Mid. (Schw.) Leaves of Grass.
aureum, Lk.—Mid. (Schw.) Fallen Oak leaves.
simile, Berk.—Common. Putrid wood.
pulvinatum, M. A. C.—Low. Putrid wood.
citrinellum, B. & C.—Low. On Peziza alboviolascens.
crustaceum, B. & C.—Low. On old curds.
Trichothecium roseum, Lk.—Common. On bark, Fungi, &c.
Fusidium pyrinum, Mont.—Low. and Mid. On Pear leaves.
? Farina, Schw.—Mid. (Schw.) On bark.
Asterophora Agaricoides, Cda.—Mid. and Up. On Nyctalis.
Sepedonium chrysospermum, Fr.—Common. Putrescent Boletus.
armeniacum, B. & C.—Up. Putrid wood.
Zygodesmus effusus, B. & C.—Low. Carious Oak wood.
torulosus, B. & C.—Low. Rotten leaves.
fuscus, Cda.—Common. Rotten wood and leaves.
ramosissimus, B. & C.—Low. Under Pine wood.
olivaceus, B. & C.—Low. Under Pine wood.
Hydnoides, B. & C.—Low. Under Pine wood.
Monotospora setosa, B. & C.—Low. Putrid wood in swamps.
Coccotrichum erubescens, Schw.—Mid. (Schw.) Dejected sticks of wood.
Fusisporium aurantiacum, Lk.—Low. On dead plants.
roseum, Lk.—Common. On dead plants.
Buxi, Fr.—Low. and Mid. Leaves of Box.
miniatum, B. & C.—Mid. Wounded bark of Cornus florida.
ossicola, B. & C.—Low. On old bones in woods.
placentula, B. & C.—Low. Dead bark of Melia.
pubescens, B. & C.—Low. Leaves of Desmodium lineare.
griseum, Fr.—Low. Fallen Oak leaves.
Circinotrichum candidum, Schw.—Mid. (Schw.) Rotten Pine wood.
Cratægi, B. & C.—Low. Leaves of Cratægus.

PSILONIA apalospora, B. & C.—Low. Culms of Zea and Sorghum.
fuscopurpurea, B. & C.—Low. Dead limbs of Quercus.
uniseptata, B. & C.—Low. Rotten wood of Quercus.
DENDRINA Diospyri, B. & C.—Low. and Mid. Dying leaves of Persimmon.

V. ASCOMYCETES.

MORCHELLA *esculenta*, Pers. (Morel.)—Com. Earth in woods.
foraminulosa, Schw.—Mid. (Schw.) Earth in woods.
Caroliniana, Bosc.—Mid. Earth in woods.
HELVELLA *crispa*, Fr.—Low. Pine woods.
lacunosa, Afz.—Low. Near rotten logs.
sulcata, Afz.—Mid. (Schw.) Shady woods.
Infula, Schæff.—Mid. (Schw.) Earth and Pine logs.
costata, Schw.—Mid. In sandy ground.
ephippium, Lev.—Common. About decaying trunks.
VERPA Caroliniana, Schw.—Mid. (Schw.) On declivities.
GEOGLOSSUM hirsutum, Pers.—Common. In wet ground.
difforme, Fr.—Common. In wet ground.
glabrum, Pers.—Mid. (Schw.) Damp mossy ground.
farinaceum, Schw.—Mid. (Schw.) In meadows.
MITRULA paludosa, Fr.—Common. Swampy land.
exigua, Fr.—Mid. (Schw.) Dejected stems.
LEOTIA lubrica, Pers.—Common. Moist woods.
chlorocephala, Schw.—Common. Damp sandy woods.
viscosa, Fr.—Low. and Mid. Damp sandy woods.
circinans, Pers.—Mid. (Schw.) Woods.
RHIZINA undulata, Fr.—Common. Earth.
PSILOPEZIA nummularia, Berk.—Low. and Mid. On carious wood.
PEZIZA (I. ALEURIA.)
Acetabulum, L.—Low. On naked earth.
cinnamomeo-lutescens, Schw.—Mid. (Schw.) Among putrescent leaves.
Mitrula, Schw.—Mid. (Schw.) Among putrescent leaves.

clypeata, Schw.—Mid. (Schw.) Rotting log.
Schweinitzii, B. & C.—Mid. (Schw.) Earth.
badia, Pers.—Up. (Schw.) Earth.
onotica, Pers.—Mid. (Schw.) Shady places.
obtecta, Schw.—Mid. (Schw.) Among putrescent leaves.
cochleata, L.—Common. In woods.
velutina, B. & C.—Up. On lignous earth.
Spragueii, B. & C.—Up. Rotting wood.
vesiculosa, Bull.—Mid. (Schw.) In manured ground.
micropus, Pers.—Mid. (Schw.) Earth.
pustullata, Pers.—Mid. (Schw.) On trunks.
macropus, Pers.—Common. Earth and logs.
tuberosa, Bull.—Mid. (Schw.) Grassy land.
Rapulum, Bull.—Low. Earth.
catinus, Holmsk.—Mid. (Schw.) Rotten wood and lignous earth.
cupularis, L.—Low. and Mid. On burnt ground.
violacea, Pers.—Mid. (Schw.) Among Kalmias.
granulata, Bull.—Mid. (Schw.) Among manure.
rutilans, Fr.—Mid. (Schw.) Earth.
succosa, Berk.—Low. Moist earth.
ollaris, Fr.—Mid. (Schw.) Pine woods.
albocincta, B. & C.—Low. Mossy ground.
omphalodes, Bull.—Mid. and Up. Burnt places.
psammophila, B. & C.—Low. Damp sandy earth.
melaloma, A. & S.—Up. Burnt grounds.
rubricosa, Fr.—Mid. (Schw.) Earth.

(II. Lachnea.)

coccinea, Jacq.—Up. Fallen limbs in wet ground.
tomentosa, Schum.—Mid. (Schw.) On wood.
nigrella, Pers.—Mid. (Schw.) Wood and earth.
hemispherica, Wigg.—Mid. and Up. Wood and earth.
brunnea, A. & S.—Mid. (Schw.) Burnt ground.
scutellata, L.—Common. Earth and wood.
Erinaceus, Schw.—Mid. (Schw.) Rotten trunks.
stercorea, Pers.—Mid. (Schw.) Manured and rich ground.
Theleboloides, A. & S.—Mid. (Schw.) Manured and rich ground.

diversicolor, Fr.—Low. and Mid. On cow dung.
decipiens, B. & C.—Mid. (Schw.) On Pine leaves.
papillata, Pers.—Mid. (Schw.) On manure.
ciliaris, Schrad.—Mid. (Schw.) Side of trunks.
virginea, Batsch.—Low. and Mid. Fallen leaves and sticks.
nivea, Fr.—Low. Fallen wood and branches.
patula, Pers.—Mid. (Schw.) Dead Birch leaves.
calycina, Schum.—Low. and Mid. Bark of Pine limbs, &c.
cerinea, Pers.—Mid. On old palings.
sericea, A. & S.—Mid. (Schw.) On wood.
clandestina, Bull.—Low. and Mid. On various branches.
fuscescens, Pers.—Mid. (Schw.) Fallen leaves.
prolificans, Schw.—Mid. (Schw.) Disc of trunks and limbs.
albo-violascens, A. & S.—Com. Bark, sticks and stems.
corticalis, Pers.—Mid. (Schw.) Bark of trunks.
cinereo-fusca, Schw.—Common. Wood and bark.
rufo-olivacea, A. & S.—Mid. (Schw.) Stems of Rubus.
flavo-fuliginea, A. & S.—Mid. (Schw.) Rotten wood and leaves.
variecolor, Fr.—Mid. (Schw.) On stems.
leonina, Schw.—Mid. (Schw.) Carious wood of Elm.
fulvo-cana, Schw.—Mid. (Schw.) Disc of stump.
penicillata, Schw.—Mid. (Schw.) Bark of Vitis.
hyalina, Pers.—Mid. (Schw.) On wood.
sulfurea, Pers.—Mid. (Schw.) On chips.
villosa, Pers.—Common. Bark of Vitis, Viburnum, &c.
punctiformis, Fr.—Low. Bark of Robinia.
anomala, Pers.—Common. Bark and wood.
aurelia, Pers.—Low. Carious wood.
cæsia, Pers.—Low. On Oak wood.
Rosæ, Fr.—Low. and Mid. On Rose branches.
Hydrangeæ, Schw.—Mid. (Schw.) Dead Hydrangea.
pruinata, Schw.—Common. Bark of Vitis, Cornus, &c.
Dædalea, Schw.—Common. Bark of Carya, Acer, &c.
Bloxami, B. & Br.—Mid. Carious wood.
fusca, Pers.—Mid. (Schw.) Bark of Elder.
sanguinea, Pers.—Low. and Mid. Carious wood.
subiculata, Schw.—Low. Wood in wet ground.

elatina, A. & S.—Mid. (Schw.) On Pinus Canadensis.
bolaris, Batsch.—Mid. (Schw.) On sticks, &c.
roseo-alba, Schw.—Mid. (Schw.) Bark of Dogwood.

(III. Phialea.)

firma, Pers.—Mid. (Schw.) Side of hollow trunks.
ciborioides, Fr.—Low. Fallen leaves.
serotina, Pers.—Mid. (Schw.) Fallen leaves.
lutescens, A. & S.—Mid. (Schw.) Limbs and leaves.
pyriformis, Fr.—Mid. (Schw.) On Mosses.
cyathoidea, Bull.—Mid. and Up. Stem of herbs.
cronata, Bull.—Mid. (Schw.) On stems.
campanula, Nees.—Mid. (Schw.) Stems of Umbelliferæ.
Buccina, Pers.—Mid. (Schw.) Wood and sticks.
corocea, Schw.—Low. Rotting sticks.
æruginosa, Fl. Dan.—Mid. and Up. On wood.
versiformis, Pers.—Up. On wood.
Agassizii, B. & C.—Up. Bark of Abies.
citrina, Batsch.—Common. Carious wood and limbs.
pallescens, Pers.—Mid. (Schw.) On trunks.
cupressina, Batsch.—Low. and Mid. Leaves of Cedar.
herbarum, Pers.—Mid. (Schw.) On stems.
epiphylla, Pers.—Mid. (Schw.) Rotting leaves.
chrysocoma, Bull.—Mid. (Schw.) Pine wood.
Andropogonis, B. & C.—Low. Culms of Broom-grass.
vinosa, A. & S.—Low. and Mid. On fallen limbs.
sanguinella, B. & C.—Low. Wood and bark of Liquidambar.
rubella, Pers.—Low. and Mid. Carious wood and bark.
umbonata, Pers.—Mid. (Schw.) Rotting leaves.
atrovirens, Pers.—Mid. (Schw.) Rotten wood.
miltophthalma, B. & C.—Low. Bark of Cornus florida?
uda, Pers.—Mid. (Schw.) Trunks in low ground.
stenostoma, B. & C.—Low. Culms of Andropogon.
Arundinariæ, B. & C.—Low. Culms of Arundinaria.
fracta, B. & C.—Up. On bark of Hydrangea.
cinerea, Batsch.—Mid. (Schw.) Wood, limbs, &c.
Ravenelii, B. & C.—Low. On Hysterium rufulum.
vulgaris, Fr.—Common. Wood and bark.

myceticola, B. & C.—Low. Wood, Polyporus, &c.
fibriseda, B. & C.—Up. Limbs of Ulmus Americana.
atrata, Pers.—Common. Stems and sticks.
melaxantha, Fr.—Mid. Dry wood.
melaleuca, Fr.—Mid. (Schw.) On dry Corylus.
compressa, A. & S.—Common. Dry wood.
Lecideola, Fr.—Low. and Mid. Dead limbs.
flexella, Fr.—Low. Pine wood.

Chlorosplenium Schweinitzii, Fr.—Low. and Mid. Carious wood.
tortum, B. & C.—Mid. (Schw.) Old wood.

Helotium aureum, Pers.—Mid. (Schw.) Trunks.
aciculare, Pers.—Mid. (Schw.) Fallen limbs of Robinia.

Solenia candida, Pers.—Low. Under Pine wood.
fasciculata, Pers.—Low. and Mid. Fallen limbs in wet places.
villosa, Fr.—Low. Carious wood and bark.
ochracea, Hoffm.—Low. and Mid. Carious wood and bark.

Ascobolus furfuraceus, Pers.—Low. and Mid. On cow dung.
major, B. & C.—Low. and Mid. On cow dung.
conglomeratus, Schw.—Common. On wet carious wood.
glaber, Pers.—Mid. (Schw.) On manure.
Trifolii, Bernh.—Mid. Living leaves of Clover.

Agyrium rufum, Fr.—Up. Wood of Abies.
nigricans, Fr.—Low. Dry Oak wood.

Stictis pallida, Pers.—Mid. (Schw.) Old palings.
tenuis, Fr.—Mid. (Schw.) Bark of limbs.
radiata, Pers.—Common. Branches.
Pupula, Fr.—Low. Branches.

Lichenopsis sphæroboloidea, Schw.—Common. On branchlets.

Propolis versicolor, Fr.—Common. Bark of Pine, Oak, &c.
hysterina, Fr.—Low. and Mid. Dry wood.

Xylographa parallela, Fr.—Low. Carious wood.

Vibrissea truncorum, Fr.—Mid. (Schw.) On damp wood.

Bulgaria globosa, Fr.—Mid. (Schw.) Earth in woods.
inquinans, Fr.—Common. Oak logs.
sarcoides, Fr.—Mid. Rotten sticks.
rufa, Schw.—Mid. Rotten sticks in damp woods.

Dithiola gambosa, B. & C.—Low. Wet Pine wood.

Elaphomyces granulatus, Fr.—Low. Sandy woods.

Sphinctrina turbinata, Fr.—Low. On Pertusaria.
leucopoda, Nyl.—Low. (Tuckerm.) On trunks.
Cerasi, B. & C.—Low. and Mid. On Cherry and Peach gum.
microscopica, B. & C.—Low. Branches of Morus multicaulis.
minima, B. & C.—Low. Dead limbs of Quercus.
Trochila craterium, Fr.—Mid. Leaves of Hedera.
Patellaria atrata, Fr.—Common. Dry wood.
applanata, B. & C.—Common. Putrescent wood.
olivaceo-virens, Fr.—Low. and Mid. Bark and wood of Quercus.
stygia, B. & C.—Up. Carious wood.
sphærospora, B. & C.—Up. Old wood.
atro-fusca, B. & C.—Low. Bark of Vitis vulpina.
oculata, B. & C.—Low. Limbs of Quercus.
discolor, Mont.—Low. Wood and stems.
rhabarbarina, Berk.—Common. Bark of Alnus, &c.
aureo-coccinea, B. & C.—Low. Culm and sheath of Andropogon.
Urnula Craterium, Fr.—Common? Rotten sticks in woods.
Dermatea fascicularis, Fr.—Up. (Rav.) Oak limbs.
furfuracea, Fr.—Mid. (Schw.) Hazel branches.
Cerasi, Fr.—Mid. (Schw.) Cherry limbs.
carpinea, Fr.—Mid. and Up. Bark of Alder.
Tympanis gyrosa, B. & C.—Up. Bark of Ilex prinoides.
Viticola, Fr.—Low. and Mid. Bark of Grape-vine.
picastra, B. & C.—Up. Bark of Ilex prinoides.
cinerascens, Schw.—Low. On bark.
Andromedae, M. A. C.—Mid. Bark of A. arborea.
Fraxini, Fr.—Mid. (Schw.) Limbs of Ash.
plicato-crenata, Fr.—Mid. (Schw.) Bark of Prunus.
conspersa, Fr.—Mid. (Schw.) Bark of Pyrus.
Cenangium clavatum, Fr.—Mid. (Schw.) Bark of Prunus serotina.
Prunastri, Fr.—Mid. (Schw.) On branches.
pulveraceum, Fr.—Up. On branches.
triangulare, Fr.—Common. Oak limbs.
confusum, Schw.—Mid. (Schw.) Fallen limbs of Querc: alba.

contortum, B. & C.—Up. Wood of Cornus.
caliciiforme, Fr.—Mid. (Schw.) Oak trunks.
Pinastri, Fr.—Up. Bark of Abies.
pithyum, Fr.—Mid. (Schw.) Pine chips.
concinnum, B. & C.—Common. Limbs of Sassafras, &c.
Viburni, Fr.—Low. and Mid. Bark of Viburnum.
turgidum, Fr.—Common. Excrescences of Oak limbs.
Magnoliæ, B. & C.—Low. Bark of M. glauca.
? apertum, Schw.—Mid. (Schw.) Branchlets of Hydrangea.
ferruginosum, Fr.—Mid. Oak bark.
Cephalanthi, Fr.—Common. Bark of C. occidentalis.
Juglandis, B. & C.—Up. Bark of Walnut.
quercinum, Fr.—Mid. (Schw.) Oak limbs.

Glonium stellatum, Muhl.—Mid. & Up. On stumps.

Dichæna faginea, Fr.—Common. Beech bark.
strumosa, Fr.—Common. Living Oak limbs.

Rhytisma Asteris, Schw.—Mid. and Up. Living leaves of Aster.
Solidaginis, Schw.—Mid. and Up. Living leaves of Solidago.
Vitis, Schw.—Mid. Living leaves of Vitis.
acerinum, Fr.—Common. Living leaves of A. rubrum.
decolorans, Fr.—Common. Living leaves of Androm. ligustrina.
Vaccinii, Fr.—Common. Living leaves of Vaccinia.
Prini, Fr.—Mid. (Schw.) Living leaves of P. verticillatus.
Ilicincola, Fr.—Common. Living leaves of I. prinoides.
velatum, Fr.—Mid. (Schw.) Living leaves of I. prinoides.
punctatum, Fr.—Mid. (Schw.) Living leaves of Acer saccharinum.
salicinum, Fr.—Low. Living leaves of Azalea.
Curtisii, B. & R.—Low. and Mid. Living leaves of Ilex opaca.
Cacti, Schw.—Mid. (Schw.) On rotting Opuntia.
? adglutinatum, Schw.—Common. Living branches.

Phacidium dentatum, Schmidt.—Low. Dead Oak leaves.
elegans, B. & C.—Low. Sheaths and stipules of Pine.
coronatum, Fr.—Mid. (Schw.) Oak leaves.

HYSTERIUM pulicare, Pers.—Common. Bark and old wood.
elongatum, Wahl.—Common. Dry wood.
tortile, Schw.—Mid. (Schw.) Bark of Cedar.
varium, Grev.—Low. Bark of Liquidambar.
hiascens, B. & C.—Mid. and Up. Trunks of Quercus.
Castaneæ, Schw.—Mid. (Schw.) Chestnut wood.
lineare, Fr.—Common. On old wood.
ellipticum, Fr.—Mid. (Schw.) On bark.
prælongum, Schw.—Mid. (Schw.) Carious wood.
betulignum, Schw.—Mid. Bark of Birch.
teres, Schw.—Mid. (Schw.) Wood of Rhododendron.
insidens, Schw.—Mid. (Schw.) On dried wood.
rufulum, Fr.—Common. Bark of Rhus, Melia, &c.
chlorinum, B. & C.—Low. Limbs of Cyrilla.
depressum, B. & C.—Up. Dry wood.
elatinum, Fr.—Mid. (Schw.) Dry wood.
flexuosum, Schw.—Common. Various branches.
Fraxini, Pers.—Low. Limbs of Ash.
Vaccinii, Schw.—Mid. (Schw.) Branches of V. frondosum.
Azaleæ, Schw.—Mid. (Schw.) Bark of Azalea.
Andromedæ, Schw.—Mid. Bark of A. axillaris.
Kalmiæ, Schw.—Mid. (Schw.) Wood of K. latifolia.
Smilacis, Schw.—Common. On Bamboo.
Rubi, Pers.—Common. Blackberry stems.
Pinastri, Schrad.—Common. Pine leaves.
commune, Fr.—Common. Dead stems.
plantarum, Schw.—Mid. (Schw.) On Monotropa.
variegatum, B. & C.—Low. and Mid. Petioles and nerves of Oak leaves.
arundinaceum, Schrad.—Mid. (Schw.) Culm of Reed.
maculare, Fr.—Low. Oak leaves.
foliicolum, Fr.—Low. and Mid. Leaves of Oak and Andromeda.
petiolare, A. & S.—Mid. On petioles.

LABRELLA Pomi, Mont.—Common. Skin of Apples.

CORDYCEPS militaris, (Ehrh.)—Common. On chrysalids.
entomorhiza, (Dicks.)—Common. On dead larvæ.
Gryllotalpæ—M. A. C.—Low. On buried Sand-moles.

Carolinensis, B. & R.—Low. On chrysalids.
Ophioglossoides, (Ehrh.)—Mid. Earth in woods.
capitata, (Holmsk.)—Low. On Elaphomyces.
alutacea, (Pers.)—Mid. (Schw.) Earth.
armeniaca, B. & C.—Low. Bird excrement in wet ground.
mucronata, (Schw.)—Mid. (Schw.) Trunk of Liriodendron.
Isarioides, M. A. C.—Mid. On dead moths.

Xylaria polymorpha, (Pers.)—Mid. Rotten stumps and wood.
corniformis, Fr.—Low. and Mid. Putrescent sticks.
digitata, (Ehrh.)—Mid. Base of trunks.
Hypoxylon, (Ehrh.)—Common. Bark and wood.
Cornu-damæ, (Schw.)—Low. Rotten logs.
persicaria, (Schw.)—Low. & Mid. Buried Peach-stones.
carpophila, (Pers.)—Low. and Mid. Dead burs of Liquidambar.
filiformis, (A. & S.)—Low. Rotting leaves and petioles.

Rhizomorpha subcorticalis, Pers.—Common. Between bark and wood of logs.

Poronia candida, Schw.—Mid. (Schw.) Limbs of Fraxinus.

Hypocrea tomentosa, Fr.—Low. On Lactarius.
lateritia, Fr.—Mid. On L. Indigo.
Lactifluorum, (Schw.)—Common. On Lactarius.
hyalina, (Schw.)—Mid. (Schw.) On Russula.
luteo-virens, Fr.—Mid. (Schw.) On Agarics.
citrina, (Pers.)—Common. Bark, wood, &c.
rosea, (Pers.)—Mid. (Schw.) On roots of trees.
gelatinosa, (Tode.)—Common. On wood, &c.
chlorospora, B. & C.—Mts. Putrid wood.
Stereorum, (Schw.)—Mid. On Polyporus Curtisii.
rufa, (Pers.)—Common. Wood, &c.
tuberiformis, B. & R.—Low. Culms of Arundinaria.
subviridis, B. & C.—Low. Dead grass leaves.
atramentaria, B. & C.—Low. Living leaves of Eragrost: hirsuta.

Hypoxylon ustulatum, Bull.—Common. Trunks and stumps.
Tubulina, (A. & S.)—Mid. (Schw.) Trunk of Walnut.

nummularium, Bull.—Common. Bark of Acer, Platanus, &c.
punctulatum, B. & R.—Low. Bark of dead Oaks.
Clypeus, (Schw.)—Low. & Mid. Bark of Quercus nigra.
nesodes, B. & C.—Low. Fallen limbs.
concentricum, (Bolt.)—Common. Trunks & stumps.
vernicosum, (Schw.)—Common. Wood and bark
rubricosum, Fr.—Low. On bark.
xanthocreas, B. & C.—Low. On Alnus.
multiforme, Fr.—Common. Wood and bark.
annulatum, (Schw.)—Common. On bark.
decorticatum, (Schw.)—Low. Bark of Sassafras.
epiphæum, B. & C.—Low. Sticks of Magnol. glauca
cohærens, (Pers.)—Mid. and Up. Bark of trunks.
notatum, B. & C.—Low. Fallen Oak limbs.
fuscum, (Pers.)—Common. Dead limbs.
fragiforme, (Pers.)—Mid. and Up. On bark.
rubiginosum, (Pers.)—Mid. Carious wood.
perforatum, (Schw.)—Common. Bark and wood.
illitum, (Schw.)—Mid. (Schw.) Wood of Cornus, &c.
serpens, (Pers.)—Common. Carious wood.
leucocreas, B. & R.—Low. Carious wood.
colliculosum, (Schw.)—Mid. (Schw.) Oak trunks.
coprophilum, Fr.—Common. On cow dung.
udum, Fr.—Mid. (Schw.) Oak limbs.
Sassafras, (Schw.)—Common. Bark of Sassafras.
atramentosum, (Fr.)—Mid. (Schw.) Old wood.
afflatum, (Schw.)—Mid. (Schw.) Dry wood.
exaratum, (Schw.)—Mid. (Schw.) Limbs of Carya.
fuscopurpureum, (Schw.)—Mid. (Schw.). Wood and bark.
gregale, (Schw.)—Mid. (Schw.) Putrid wood.
investiens, (Schw.)—Low. and Mid. On Wood.

DIATRYPE rigens, (Fr.)—Mid. (Schw.) On wood.
contorta, (Schw.)—Common. On bark.
microplaca, B. & C.—Low. Limbs of Benzoin.
stigma, Fr.—Common. Bark and wood.
platystoma, (Schw.)—Mid. On bark.
atropunctata, (Schw.)—Common. Dead trunks.

disciformis, Fr.—Mid.—Bark of Alder.
Robiniæ, (Schw.)—Mid. (Schw.) Bark of Locust.
virescens, (Schw.)—Common. Limbs of Fagus.
Duriæi, Mont.—Low. Fallen limbs.
asterostoma, B. & C.—Low. Fallen limbs.
favacea, Fr.—Mid. (Schw.) Birch wood.
Smilacicola, (Schw.)—Low. and Mid. On Smilax.
verrucæformis, Fr.—Common. On dead limbs.
subfulva, B. & C.—Low. Dead limbs of Nyssa.
obesa, B. & C.—Common. Bark of Rhus, &c.
discincola, (Schw.)—Mid. (Schw.) Disc of stump of Malus.
discreta, (Schw.)—Low. and Mid. Bark of Malus.
Ribesia, (Schw.)—Mid. (Schw.) On R. rubrum.
friabilis, (Pers.)—Mid. (Schw.) Bark of Ilex prinoides, &c.
quercina, Fr.—Mid. (Schw.) Oak limbs.
Hystrix, Fr.—Mid. (Schw.) On Maple.
strumella, Fr.—Mts. On Grossularia.
insitiva, Fr.—Mid. (Schw.) On Vitis.
innata, B. & C.—Mts. Branches of Castanea.
leioplaca, Fr.—Low. Branches of Cyrilla.
lata, Fr.—Common. Bark and Dry wood.
Polynesia, B. & C.—Mts. Dry wood of trunks.
Diospyri, (Schw.)—Mid. (Schw.) Bark of Persimmon.
Viticola, (Schw.)—Low. and Mid. On Vitis.
æquilinearis, (Schw.)—Mid. (Schw.) Limbs of Berberis.
fimeti, (Pers.—Mid. (Schw.) On manure.

TORSELLIA Sacculus, (Schw.)—Mid. (Schw.) Bark of Tecoma.

VALSA (I. CIRCUMSCRIPTÆ.)

prunastri, Fr.—Mid. (Schw.) On Prunus serotina.
plagia, B. & C.—Low. Fallen limbs of Liriodendron.
gastrina, Fr.—Up. Oak limbs.
stellulata, Fr.—Common. Bark of limbs.
Bignoniæ, (Schw.)—Mid. (Schw.) Bark of Tecoma.
scoparia, (Schw.)—Mid. (Schw.) Bark of Walnut.
enteroleuca, Fr.—Mid. Bark of Robinia limbs.

syngenesia, Fr.—Mid. (Schw.) On Rubus strigosus.
pugillus, (Schw.)—Mid. (Schw.) Wood of Maple.
corniculata, (Ehrh.)—Low. and Mid. Bark of Ash, &c.
haustellata, (Fr.)—Low. Bark of Oak, Alder, &c.
fibrosa, Fr.—Mts. Branches of Alnus?
Leaiana, (Berk.)—Mid. (Schw.) In Carpinus.
frustrum-coni, (Schw.)—Mid. Roots of Oak.

(II. Incusæ.)

nivea, Fr.—Mid. (Schw.) Bark of Apple tree.
leucostoma, Fr.—Common. Bark of Prunus and Persica.
scutellata, (Pers.)—Mid. (Schw.) On Prunus and Cornus.
taleola, Fr.—Low. Oak limbs.
angulata, Fr.—Mid. Holly limbs.
tessella, Fr.—Mid. (Schw.) Willow limbs.

(III. Obvallatæ.)

ciliata, Fr.—Mid. (Schw.) Bark of Elm.
coronata, Fr.—Mid. and Up. On Castanea and Bignonia branches.
Notarisii, Mont.—Mid. Branches of Gleditschia.
decorticans, Fr.—Low. Bark of Kerria Japonica.
Liquidambaris, (Schw.)—Mid. (Schw.) Young limbs of Sweet Gum.
leiphæmia, Fr.—Low. and Mid. Branches of Oak.
turgida, Fr.—Mid. (Schw.) Branches of Liriodendron.
subscripta, Fr.—Low. Branches of Melia.
salicina, Fr.—Mid. Branches of Willow.
pusio, B. & C.—Low. Branches of Morus multicaulis.
Vitis, (Schw.)—Common. Bark of Grape vines.
capsularis, (Pers.)—Mts. (Schw.) Bark of Ampelopsis.
stilbostoma, Fr.—Common. Various branches.
tubulosa, B. & C.—Low. Branches of Alnus.
Americana, B. & C.—Common. On various branches.
goniostoma, (Schw.)—Common. On various branches.
ambiens, Fr.—Common. On various branches.

IV. Circinatæ.)

pulchella, Fr.—Common. Bark of Cherry, Oak, &c.
quaternata. Fr.—Common. Bark of Acer, &c.

præstans, B. & C.—Mid. Branches of Nyssa.
umbilicata, (Pers.)—Mid. (Schw.) Branches of Lonicera sempervirens.
condensata, B. & C.—Mts. Branches of Quercus montana.
castanophila, B. & C.—Mts. Branches of Castanea.
acclinis, Fr.—Mid. (Schw.) Branches of Sassafras.
rufescens, (Schw.)—Common. Branches of Rhus.
divergens, (Schw.)—Mid. (Schw.) Fallen limbs of Liquidambar.

MELOGRAMMA Quercuum, Fr.—Common. Limbs of Oaks.
campylosporum, Fr.—Mid. (Schw.) Trunks of Acer.
Castaneæ, (Schw.)—Mid. (Schw.) Bark of Chestnut.
gyrosum, (Schw.)—Com. Bark of Oak, Beech, &c.
Calycanthi, (Schw.)—Low. and Mid. Bark of Sweet Shrub.
Gleditschiæ, (Schw.)—Mid. Limbs of Honey Locust.
rhizogena, (Berk.)—Low. and Mid. Bark of H. Syriacus.
Hibisci, (Schw.)—Low. Bark of H. Syriacus.
Araliae, M. A. C.—Mid. Bark of A. spinosa.
Phoradendri, B. & C.—Low. Dead branches of P. flavescens.
ambiguum, (Schw.)—Common. Dead branches of Rhus.
Meliæ, (Schw.)—Low. and Mid. Dead branches of China Tree.
atrofuscum, B. & C.—Mts. Dead branches of Rhus glabrum.
Persimmons, (Schw.)—Mid. (Schw.) Dead branches of Diospyrus.

NECTRIA cinnabarina, Fr.—Common. Dead branches of various trees.
dematiosa, (Schw.)—Low. and Mid. Dead branches of Morus rubra.
coccinea, Fr.—Common. Dead branches of various trees.
Cucurbitula, Fr.—Low. and Mid. Dead branches of Prunus, Melia, &c.
diploa, B. & C.—Low. Dead branches of Alnus, &c.
perpusilla, B. & C.—Low. Stem of Lycopersicum, &c.

Curtisii, Berk.—Low. Dead stalk of Zea.
muscivora, Berk.—Low. On Jungermanniæ upon trunks.
polythalama, B. & R.—Common. Bark of Fraxinus, &c.
Peziza, Fr.—Common. Bark and wood.
sanguinea, Fr.—Common. Wood and Sphæriæ.
episphæria, Fr.—Common. On Hypoxyla.
ochroleuca, (Schw.)—Mid. (Schw.) Various trees.
molliuscula, (Schw.)—Mid. (Schw.) Carious wood.
ordinata, (D. C. ?)—Mid. (Schw.) Carious wood.
aurantia, Fr.—Low. and Mid. On bark and Polyporus.
rosella, Fr.—Mid. (Schw.) Earth under putrid logs.
Tegillum, B. & C.—Low. Underside of Pine wood.
? pannosa, (Schw.)—Mid. (Schw.) Under rotten log.

SPHÆRIA (I. SUPERFICIALES.)

a. Byssisedæ.

aquila, Fr.—Common. Dejected limbs in woods.
Corticium, Schw.—Common. Bark of Oak and Chestnut.
byssiseda, Tode.—Mid. (Schw.) Branches of trees.
subiculata, Schw.—Common. Carious wood.
xestothele, B. & C.—Low. Limbs of Cornus florida.
culcitella, B. & R.—Low. Bark and wood of Quercus.
confertula, Schw.—Common. Bark of Fraxinus, Laurus, &c.
callista, B. & C.—Common. Bark of Carpinus, &c.
parietalis, B. & C.—Low. Within hollow Oak trunk.
Pezizula, B. & C.—Low. & Mid. Bark of Liquidambar, &c.
lanuginosa, B. & C.—Low. Naked limbs of Robinia.
rhodomphala, Berk.—Common. On wood.
Collinsii, Schw.—Mid. Leaves of Mespilus, &c.
cinerea, Pers.—Mid. (Schw.) Cow dung.
phæostroma, Mont.—Mid. (Schw.) Limbs and sticks.
rhodomela, Fr.—Mid. (Schw.) Old wood.

b. Villosæ.

ovina, Pers.—Mid. (Schw.) Dry wood.
nudicollis, B. & C.—Low. Putrescent Pine trunk.
mutabilis, Pers.—Mid. Bark of Cerasus.
canescens, Pers.—Low. Dry wood.
ciria, B. & C.—Low. On Diatrype stigma.

strigosa, A. & S.—Low. & Mid. Dry wood of Kalmia, &c.
Racodium, Pers.—Low. & Mid. Bark of Liquidambar, &c.
crinita, Pers.—Mid. (Schw.) Carious wood of Beech, &c.
araneosa, Pers?—Mid. (Schw.) Dry wood.
lignaria, Grev.—Common. Dry wood.
agminalis, B. & C.—Low. and Up. Dry Pine wood.
vermicularia, Nees.—Low. Dry Pine wood.
phæosticta, Berk.—Low. Leaves & sheaths of Andropogon.
exilis, A. & S.—Low. Bark of Cornus florida.
pilosa, Pers.—Low. Pine wood.
orthotricha, B. & C.—Low. Within hollow Nyssa.
squamulata, Schw.—Mid. (Schw.) Carious wood.
terebrata, B. & C.—Low. Wood of fallen Oak limbs.
flavido-compta, B. & C.—Low. Wood of Cyrilla.

c. Denudatæ.

seriata, Pers.—Mid. (Schw.) In cracks of wood.
pomiformis, Pers.—Low. Culms of Arundinaria.
mammæformis, Pers.—Low. and Mid. Fallen limbs of Oak, Beech, &c.
rhodospila, B. & C.—Low. Dry wood of Cyrilla.
moriformis, Tode.—Common. Old wood.
pulvis-pyrius, Pers.—Low. and Mid. Oak limbs.
spermoides, Hoffm.—Mid. (Schw.) On wood.
multifera, B. & R.—Mid. (Schw.) On manure.
millegrana, Schw.—Low. & Mid. Dry wood and bark.
epimelæna, B. & C.—Low. Carious Pine wood.
myriocarpa, Fr.—Common. Dry wood.
ootheca, B. & C.—Low. and Mid. Carious wood.
notha, Schw.—Mid. (Schw.) On cut wood.
disseminata, B. & C.—Low. Old wood of Liquidambar.

d. Pertusæ.

lecythea, Schw.—Mid. (Schw.) Carious wood.
mobilis, Tode.—Mid. (Schw.) Oak limbs.
Curtisii, B.—Low. Decayed nuts of Carya.
Putaminum, Schw.—Low. and Mid. Old Peach stones.
psoriella, B. & C.—Low. Bark on trunks of Platanus.
papilla, Schw.—Low. and Mid. Fallen bark and wood.
mycophila, Fr.—Low. On Polyporus Curtisii.

porothelia, B. & C.—Low. On hymenium of Stereum.
kalospora, B. & C.—Low. Denuded limbs of Fraxinus?
mastoidea, Fr.—Low. and Mid. Limbs of Fraxinus, &c.
seminuda, Pers.—Mid. (Schw.) Wood and bark.
ulmaticolor, B. & C.—Low. Decorticated sticks.
Cyrillæcola, B. & C.—Low. Carious wood of Cyrilla.
porphyrostoma, Kze?—Mid. (Schw.) On wood.
latericolla, D. C.—Low. Denuded sticks.
pertusa, Pers.—Low. and Mid. Old wood.
caryophaga, Schw.—Low. Old nuts of Carya.
Pericarpiicola, B. & C.—Low. Pericarp of Hickory nuts.
sporœdema, B. & C.—Low. Dead wood of Acer.
fissurarum, B. & C.—Low. In chinks of Pine wood.
Aethiops, B. & C.—Up. Dry wood.

(II. Erumpentes.)

e. Cæspitosæ.

Ribis, Tode.—Mid. (Schw.) Branches of R. rubrum.
acervata, Fr.—Mid. (Schw.) On Oak.
Berberidis, Pers.—Mid. On Barberry.
varia, Pers.—Mid. (Schw.) Limbs of Cerasus.
subcongregata, B. & C.—Common. Bark of Morus, Liquidambar, &c.
nobilis, B. & C.—Up. Branchlets of Tilia glabra.
morbosa, Schw.—Common. Limbs of Plum and Cherry.
Perisporioides, B. & C.—Common. Living leaves of Rhynchosia, &c.
pulicaris, Fr.—Low. and Mid. Branches and stems.
Saubineti, Mont.—Low. and Mid. On culms of Zea.
Hyperici, Schw.—Low. On H. fruticosum.

f. Obturatæ.

elongata, Fr.—Common. Limbs of Robinia, &c.
mutila, Fr.—Common. Bark of dead limbs.
insidens, Schw.—Mid. (Schw.) Wood and bark.
Virginica, B. & C.—Mid. and Up. Wood of Castanea, &c.
abrupta, B. & C.—Low. Dead root of Cyrilla.?
Ennotea, B. & C.—Mid. Dead Hedera.
conostoma, B. & C.—Low. Limbs of Persica.
effusa, B. & C.—Low. Wood of Quercus alba.

fissa, Pers.—Mid. (Schw.) On Rosa.
mucosa, Pers.—Mid. (Schw.) On Cucurbita.
Cupressi, B. & C.—Low. Limbs of C. thyoides.
Opuli, B. & C.—Low. Limbs of V. Opulus.
Sclerotium, Schw.—Mid. (Schw.) Limbs of Hydrangea. ?
Loniceræ, Sow. ?—Mid. Branches of Lonicera sempervirens.
Clasterium, B. & C.—Mts. Branches of Spiræa opulifolia.
orthospora, B. & C.—Mts. Branches of Sambucus Canadensis.
Tecomatis, B. & C.—Low. Branches of Tecoma radicans.
semitecta, B. & C.—Mts. Branches of Platanus.
strobilina, Holl. & Sm.—Low. Old Pine cones.
Pteridicola, B. & C.—Low. Stipes of P. aquilina.
Zeae, Schw.—Low. and Mid. On old corn stalks.
eumorpha, B. & C.—Low. Culms of Arundinaria.
apiospora, Mont.—Low. and Mid. Culms of Arundinaria.
arundinacea, Sow.—Low. Stems of Arundo.
longissima, Pers.—Common. On stems of herbs.
Anethi, Pers.—Mid. (Schw.) On stems of herbs.
nebulosa, Pers.—Common. On stems of herbs.
picea, Pers.—Mid. (Schw.) On stems of herbs.

g. Confertæ.

Graminis, Pers.—Common. Grass leaves.
Scirporum, Schw.—Mid. (Schw.) Leaves of S. Americanus.
ulmea, Schw.—Common. Leaves of U. Americana.
Peltigeræ, Mont.—Up. On Parmelia.
Lespedezæ, Schw.—Mid. and Up. Leaves of Lespedeza.
Yuccæ, Schw.—Low. (Schw.) Leaves of Y. gloriosa.

h. Lophiostomæ.

angustata, Pers.—Mid. On hard wood.
pileata, Tode.—Mid. (Schw.) Carious wood of Liquidambar.
excipuliformis, Fr.—Mid. (Schw.) Limbs of Negundo.
compressa, Pers ?—Mid. Roots of Quercus.
hysterioides, Schw.—Up. Wood of Tilia.
Arundinis, Fr.—Low. Culm of Arundinaria.

i. Ceratostomæ.

pilifera, Fr.—Low. and Mid. Dry Pine wood.

rostrata, Fr.—Low. Carious wood and bark.
Sphærincola, Schw.—Mid. (Schw.) On Hypoxylon Clypeus.
stricta, Pers.—Mid. (Schw.) Wood of Robinia, &c.
cirrhosa, Pers.—Mid. (Schw.) Putrid wood.
mucronata, Marke.—Mid. (Schw.) On wood.
brevirostris, Fr.—Low. On soft wood.
assecla, Schw.—Mid. Bark of Liriodendron, &c.

(III. Subtectæ.)

k. Immersæ.

spinosa, Pers.—Mid. and Up. On wood.
limæformis, Schw.—Mid. Bark of Oak and Chestnut.
tuberculosa, Schw.—Mid. (Schw.) Carious wood of Betula.
fimeti, Pers.—Mid. On manure.
livida, Fr.—Mid. and Up. Dry wood.
rhodoglœa, B. & C.—Mid. Branchlets of Negundo.
rhodina, B. & C.—Low. Branchlets of Rosa.
obtecta, Schw.—Mid. (Schw.) Branches of shrubs.
sepelita, B. & C.—Low. Stem of Smilax laurifolia.
peliospora, B. & C.—Mts. On Acer spicatum.
disrupta, B. & C.—Low. Stem of Smilax.
flavitecta, B. & C.—Low. Branches of Kerria Japonica.
citrispora, B. & C.—Mts. Branches of Tilia glabra.
Tiliæ, Pers.—Mid. (Schw.) Branches of Tilia, &c.
sæpincola, Fr.—Up. On Spiræa opulifolia.
clypeolus, M. A. C.—Mid. Branches of Fraxinus.
olivæspora, B. & C.—Low. Branchlets of Cornus florida.
subclypeata, B. & C.—Mid. (Schw.) On bark of Rosa and Rubus.
fuscella, B. & Br.—Up. and Mid. On bark of Rosa.
velata, Pers.—Mid. (Schw.) On limbs of Tilia.
Dioscoreæ, B. & C.—Low. Dead stems of Dioscorea.
epidermidis, Fr.—Low. Limbs of Persica.
aculeata, Schw.—Common. Stems of herbs.
combulliens, B. & C.—Low. Stems of Arundinaria.
incarcerata, B. & C.—Low. Stems of Spartina glabra.
Cacti, Schw.—Mid. (Schw.) On dead Opuntia.
nigro-annulata, B. & C.—Low. Leaves of Yucca aloifolia.

Ilicis, Schleich.—Common. Leaves of I. opaca.
Pustula, Pers.—Mid. (Schw.) Leaves of Juglans.
Pseudo-pustula, B. & C.—Low. Fallen leaves of Nyssa mult:
Kalmiarum, Schw.—Mid. Dead leaves of Kalmia.
sparsa, B. & C.—Mid. Fallen leaves.
Andromedarum, Schw.—Mid (Schw.) Dead leaves of A. axillaris.
argyrostoma, Berk.—Low. and Mid. Leaves of Yucca filamentosa.

1. Obtectæ.

pruinosa, Fr.—Mid. and Up. Limbs of Fraxinus.
salicella, Fr.—Up. Limbs of Cornus sericea.
sarcocystis, B. & C.—Mid. Dead stems of Cerealia.
rubella, Pers.—Low. and Mid. Dead stems of herbs and grasses.
rubicunda, Schw.—Mid. (Schw.) Dead stems of Solanum, &c.
acuminata, Sow.—Up. and Mid.—Dead stems of Herbs.
complanata, Tode.—Mid. and Up. Dead stems of Herbs.
coniformis, Fr.—Mid. and Up. Dead stems and herbs.
doliolum, Pers.—Common. Dead stems and herbs.
ceratispora, B. & C.—Low. Dead stems and herbs.
nigrella, Fr.—Mid. Dead stems of Ambrosia trifida.
herbarum, Fr.—Common. Dead stems of herbs and grasses.
Verbascicola, Schw.—Low. and Mid. Dead stems of V. Thapsus.
ampliata, Schw.—Mid. (Schw.) Dead stems of Umbelliferæ.
Ogilviensis, Berk. ?—Up. Dead stems of Cimicifuga, &c.
Plantaginis, B. & C.—Mid. Calyx and rachis of P. major.
Oenotheræ, B. & C.—Low. Dead stem of O. sinuata.
umbrinella, B. & C.—Low. Base of stem of Eupator: cornop:
stictostoma, B. & C.—Up. Stem of Eupatorium.
Scorodoniæ, B. & C.—Low. Stem of Allium in gardens.
mesœdema, B. & C.—Low. Stem of Cirsium and Eupatorium.
incommiscibilis, B. & C.—Up. Stem of dead herb.

m. Foliicolæ.

Sarraceniæ, Schw.—Low. and Mid. Leaves of Sarracenia.
tubæformis, Tode.—Mid. (Schw.) Leaves of Elm and Tulip Tree.
Gnomon, Tode.—Mid. (Schw.) Leaves of Chinquapin.
setacea, Pers.—Mid. (Schw.) Leaves of Birch.
Solani, Pers.—Mid. (Schw.) Tubers of Solanum.
petiolorum, Schw.—Low. and Mid. Petioles of Liquidambar, &c.
pyramidalis, Schw.—Mid. (Schw.) On leaves.
Potentillæ, Schw.—Mid. and Up. Leaves of P. Canadensis.
Solidaginum, Schw.—Mid. Leaves of Solidago.
myriadea, D. C.—Common. Leaves of Oaks, &c.
maculæformis, Pers.—Common. Various leaves.
punctiformis, Pers.—Common. Various leaves.
Magnoliæ, Schw.—Low. Leaves of M. glauca.
fructuosa, B. & C.—Low. Leaves of Magnol: grandifl:
Andromedæ, Schw.—Low. and Mid. Leaves of A. coriacea, &c.
Carectorum, B. & C.—Low. Leaves of Carex xanthophysa.

Massaria crustata, Fr.—Mid. (Schw.) On limbs.
obesa, B. & C.—Low. Fallen limbs of Acer and Quercus.
atroinquinans, B. & C.—Low. Fallen limbs of Platanus.
? excussa, (Schw.)—Mid. (Schw.) On limbs.
epileuca, B. & C.—Low. and Mid. Limbs of Morus rubra.
seiridia, B. & C.—Mts. Limbs of Robinia.
vomitoria, B. & C.—Low. and Mid. Limbs of Acer.
circumscissa, (Pers.)—Mid. (Schw.) On Platanus.

Dæpazea Smilacicola, Schw.—Common. Leaves of Smilax.
Kalmicola, Schw.—Mid. and Up. Leaves of K. latifolia.
Hederæcola, Fr.—Mid. Leaves of H. Helix.
Tulipiferæ, Schw.—Low. Leaves of Tulip Tree.
brunnea, B. & C.—Low. Living leaves of Acer.
cruenta, Fr.—Mid. and Up. Dying leaves of Convallaria.
Carpinicola, Fr.—Mid. (Schw.) Leaves of Hornbeam.

DOTHIDEA.—a. Denudatæ.

Glumarum, B. & C.—Mid. Fallen heads of Wheat.

b. Erumpentes.

Ribesia, Fr.—Mid. (Schw.) On Ribes.
Sambuci, Fr.—Mid. (Schw.) On Elder.
sphærioides, Fr.—Mid. (Schw.) On Populus Italica.
Capreolatæ, Schw.—Low. and Mid. Branches of Bignonia.
Rhuina, Schw.—Mid. (Schw.) Young branches of R. radicans.

c. Xyloma.

typhina, Fr.—Low. and Mid. Culms of living Grass.
rubra, Fr.—Mid. (Schw.) Leaves of Prunus.
flabella, B. & C.—Low. Fronds of Pteris aquilina.
Heliopsidis, Schw.—Mid. (Schw.) Stem and branches of H. lævis.
Eupatorii, B. & C.—Mid. Stem of E. coronopifolia.
Smilacis, B. & C.—Up. Branches of Smilax.
asteromorpha, Schw.—Mid. (Schw.) Living leaves of Betula.
Brachystemonis, Schw.—Mid. (Schw.) Living leaves of Pycnanthemum.
culmicola, Schw.—Mid. (Schw.) Fallen stems of Grass.
exasperans, Schw.—Mid. (Schw.) Leaves and petioles of herbs.
Catalpæ, B. & C.—Low. Fallen leaves of Catalpa.
Ambrosiæ, B. & C.—Low. Living leaves of A. artemesiæf:
orbicularis, B. & C.—Low. Living leaves of Gentiana Saponaria.
Anemones, Fr.—Mid. Living leaves of A. Virginica.
alnea, Fr.—Low. and Mid. Leaves of Alnus.

PERISPORIUM fimeti, B. & C.—Low. Rabbit excrements.
Caladii, Schw.—Mid. (Schw.) On Peltandra.

ERYSIPHE communis, Schlecht.—Common. Living leaves.
horridula, Lev.—Low. Living leaves of Xanthium.
Martii, Lev.—Up. Living leaves of Eupator. ageratoides.
Gerardiæ, Schw.—Mid. (Schw.) Living leaves of G. quercifolia.

MICROSPHÆRA penicillata, Lev.—Common. Living leaves.

Ravenelii, B. & C.—Common. Living leaves of Gleditschia.

semitorta, B. & C.—Low. Living leaves of Cephalanthus.

Friesii, Lev.—Low. Living leaves of Syringa vulgaris.

Hedwigii, Lev.—Low. Living leaves of Quercus aquatica.

PHYLLACTINIA guttata, Lev.—Common. Living leaves of Alnus, &c.

PODOSPHÆRIA Kunzei, Lev.—Mid. Leaves of Cerasus.

UNCINULA adunca, Lev.—Common. Living leaves.

polychæta, B. & C.—Mid. & Up. Living leaves of Celtis.

CHÆTOMIUM elatum, Kze.—Low. & Mid. Putrescent grass stems.

chartarum, Ehrb.—Low. On wet paper.

MELIOLA amphĭtricha, Fr.—Common. Leaves and twigs.

ASTERINA spuria, B. & C.—Low. Leaves and stem of Hyptis.

Erysiphoides, B. & C.—Low. Leaves of Nyssa multiflora.

exasperans, B. & C.—Mid. (Schw.) Leaves of Kalmia latifolia.

orbicularis, B. & C.—Low. and Mid. Leaves of Ilex and Prinos.

SCORIAS spongiosa, Fr.—Common. Leaves and limbs of Fagus and Alnus.

CAPNODIUM elongatum, B. & D.—Low. and Mid. On various leaves.

Carolinense, B. & D.—Low. Fallen leaves of Post Oak.

ONYGENA equina, Pers.—Mid. (Schw.) Old horns and hoofs.

faginea, Fr.—Common. Dead bark of Beech.

VI. PHYSOMYCETES.

Mucor flavidus, Pers.—Mid. (Schw.) On Agarics.
Mucedo, L.—Low. and Mid. On putrescent matter.
caninus, Pers.—Mid. (Schw.) Excrement of Mice.
fusiger, Lk.—Low. On Agarics.
capitato-ramosus, Schw.—Low. On putrescent Boleti.
clavatus, Lk.—Low. On putrescent Cucurbita.
curtus, B. & C.—Low. On putrescent C. Melo.
Hydrophora tenella, Tode.—Mid. (Schw.) On sticks.
murina, Fr.—Mid. (Schw.) On squirrel excrements.
Fimbria, Fr.—Mid. (Schw.) On Sphæriæ.
Physomyces nitens, Kze.—Low. On dung in wet ground.
Ascophora Mucedo, Tode.—Mid. On putrescent bodies.
nucum, Cda.—Low. Putrescent Batatas tubers.
chartarum, B. & C.—Low. On damp paper.
Pilobolus roridus, Pers.—Mid. (Schw.) Horse dung.
crystallinus, Tode.—Low. Horse dung.
Eurotium herbariorum, Lk.—Common. On dried plants.
Aegerita candida, Pers.—Low. and Mid. Putrescent vegetation.
cæsia, Pers.—Mid. (Schw.) On trunks.
ovula, Schw.—Mid. (Schw.) Carious wood.
Dichosporium aggregatum, Nees.—Mid. (Schw.) Oak bark.

GENERA DUBIA.

Ectostroma Liriodendri, Fr.—Common. Leaves of Tulip Tree.
Toxici, Schw.—Mid. (Schw.) Leaves of Poison vine.
afflatum, Fr.—Mid. Leaves of Cimicifuga.
Annonæ, Fr.—Mid. (Schw.) Leaves of Asimina.
Erineum fagineum, Pers.—Common. Leaves of Beech.
acerinum, Pers.—Common. Leaves of Maple.
luteolum, Kze.—Low. and Mid. Leaves of Maple.

roseum, Schulz.—Mid. (Schw.) Leaves of Birch.
Vitis, D. C.—Low. and Mid. Leaves of Grape.
Ilicinum, D. C.—Low. Leaves of Scrub Oak.
quercinum, Kze.—Mid. Leaves of Black Oak.
Quercus-cinereæ, Schw.—Low. Leaves of Upland Willow Oak.
Pyracanthæ, Lk.—Mts. Leaves of Cratægus punctata.
Cyrillæ, B. & C.—Low. Leaves of Cyrilla.
anomalum, Schw.—Low. Limbs and petioles of Juglans and Carya.

Spermœdia Clavus, Fr.—Low. On Grass seeds.
Paspali, Fr.—Low. and Mid. Seeds of Paspalum.
Tripsaci, M. A. C.—Mid. Seeds of T. dactyloides.

Pachyma *Cocos*, Fr. (Tuckahoe.)—Low. and Mid. Under ground.

Sclerotium complanatum, Tode.—Mid. Putrescent leaves.
scutellatum, A. & S.—Mid. (Schw.) Leaves of Juglans.
Semen, Tode.—Low. and Mid. Leaves of Iris, &c.
Arundinariæ, B. & C.—Low. Leaves of Arundinaria.
vulgatum, Fr.—Mid. (Schw.) Putrescent vegetation.
Fungorum, Pers.—Low. On roots of Mosses.
Medicaginis, Fr.—Low. On buried radicles.
truncorum, Fr.—Low. Putrid wood.
Circeæ, Schum.—Mid. (Schw.) Leaves of Circæa.
applanatum, Schw.—Mid. (Schw.) Limbs of Castanea.
cerebrinum, B. & C.—Low. Fallen limbs in wet ground.
Orobanches, Schw.—Mid. (Schw.) Root and stem of O. Virginica.
varium, Pers.—Mid. Earth and old cabbage stalks.
nitidum, B. & C.—Low. Fallen rose petals.
pyrinum, Fr.—Low. On old dried Apples.
Malorum, Berk.—Low. On old dried Apples.
durum, Pers.—Mid. (Schw.) Stem of herbs.
Liliorum, Schw.—Mid. (Schw.) Stem of Lilium.
Pustulla, Fr.—Low. and Mid. Oak leaves.
populinum, Pers.—Mid. (Schw.) Poplar leaves.

Rhizoctonia Muscorum, Fr.—Mid. (Schw.) Roots of Mosses.
Himantia, Schw.—Mid. (Schw.) Lignous earth.

Ozonium auricomum, Lk.—Common. Old logs.

CHARACEÆ.

CHARA fragilis, Desv.—Low. and Mid. Ponds and ditches.
Schweinitzii, A. Braun.—Mid. Still streams.

ALGÆ, OR SEA-WEEDS.

MELANOSPERMEAE.

SARGASSUM vulgare, Ag.—In the Gulf Stream.
bacciferum, Ag.—In the Gulf Stream.
FUCUS vesiculosus, Linn. Sea coast. (*Rev. E. M. Forbes.*)
PADINA pavonia, Lamour.—Sea coast. (*Rev. E. M. Forbes.*)
ARTHROCLADIA villosa, Duby.—Mouth of the Cape Fear. (*Mrs. Prioleau.*)
CHORDA tomentaria, Lyngb.—Coast.
MESOGLOIA virescens, Carm.—Coast.
ECTOCARPUS siliculosus, Lyngb.—Coast.
viridis, Harv.—Coast.

RHODOSPERMEAE.

CHONDRIA dasyphylla, Ag.—Coast.
POLYSIPHONIA variegata, Ag.—Coast.
BOSTRYCHIA rivularis, Harv.—Coast.
DASYA elegans, Ag.—Coast.
CHAMPIA parvula, Harv.—Coast.
ALSIDIUM Blodgettii, Harv.—Coast. (*Mr. Forbes.*)
DELESSERIA Leprieurii, Mont.—Coast.
NITOPHYLLUM punctatum, Grev.—Mouth of the Cape Fear. (*Mrs. Prioleau.*)
GRACILARIA multipartita, J. Ag.—Mouth of the Cape Fear.
GELIDIUM corneum, Lamourx.—Coast.
SOLIERIA chordalis, J. Ag.—Coast.

Hypnea musciformis, Lamourx.—Coast.
Scinaia furcellata, Biv.—Coast.
Chondrus crispus, Lyngb. (Irish Moss.)—Ocean.
Chylocladia Baileyana, Harv.—Coast.
Ceramium rubrum, Ag.—Coast.
diaphanum, Roth.—Coast.
Spyridia filamentosa, Harv.—Coast.
Griffithsia corallina, Ag.?—Coast.
Callithamnion Turneri, Ag.—Coast.
polyspermum, Ag.—Coast.

CHLOROSPERMEAE.

Bryopsis plumosa, Lamourx.—Coast.
Porphyra vulgaris, Ag.—Coast.
Enteromorpha intestinalis, Lk.—Mouth of the Cape Fear.
compressa, Grev.—Mouth of the Cape Fear. (*Mrs. Prioleau.*)
Ulva latissima, Linn.—Coast.
lactuca, Linn. (Green Laver.)—Coast.
Batrachospermum moniliforme, Roth.—Common in fresh water streams.
Tuomeya fluviatilis, Harv.—On stones in streams of Up. Dist.
Lemanea torulosa, Ag.—On stones in streams of Up. Dist.
Chœtophora endiviœfolia, Ag.—Sea coast.
Cladophora glaucescens, Griff.—Sea coast.
refracta, Roth.—Sea coast.
Scytonema minutum, Ag.—On limbs of trees and old shingles.
myochrous, Ag.—On rocks.
ossicola, Berk. & Curt.—On old bones in woods.
Lyngbya majuscula, Harv.—Coast.
Oscillatoria ————?—In fresh pools of water.
Nostoc commune, Ag.—Damp earth.
Palmella prodigiosa, Mont. On cooked vegetables.
Protococcus viridis, Ag.—Bark of limbs.

SUMMARY.

Flowering Plants.		
Exogenous,	1,362 species.	
Endogenous,	511 "	
		1,873
Flowerless Plants.		
Equisetaceae,	1	
Filices,	37	
Lycopodiaceae,	9	
Hydropterides,	1	
Musci,	198	
Hepaticae,	69	
Lichenes,	217	
		532
Fungi—Hymenomycetes,	935	
Gasteromycetes,	150	
Coniomycetes,	341	
Hyphomycetes,	188	
Ascomycetes,	715	
Physomycetes,	21	
Doubtful Genera,	42	
		2,392
Characeae,	2	
Algae,	50	
		52
Total species,		4,849+1.

Omissa.

p. 17. Lespedeza striata, Hook. & Arn. — Mid.
19. Prunus Virginiana, Linn. — Up.
34. Lobelia Canbyi, Gray. — Low. & Mid.
38. Pinguicula pumila, Michx. — Low.
68. Adiantum Capillus Veneris, L. — Low.
127. Helminthosporium avenaceum, M. & C. — Mid.

OMISSA.

p. 81. Agaricus (Clitoc:) ochropurpureus, Berk.—Mid. In thin woods.

p. 93. Lactarius *angustissimus*, Lasch.—Common. Thin woods.

p. 93. Russula nigricans, Fr.—Mid. Earth in woods.

p. 152. Uncinula intermedia, B. & C.—Mid. On leaves of Ulmus alata.

ERRATA.

p. 10, line 8th, for "Com. Poppy," read Corn Poppy.

p. 20, line 14th, for "Mid. Dist.," read Mountains.

p. 72, for PETRAPLODON," read TETRAPLODON.

p. 76, 6th line from bottom, for "playthylla," read platyphylla.

p. 115, for SPAERONEMA," read SPHÆRONEMA.

p. 134, line 11th, for "cronata," read coronata.

p. 134, line 14th, for "corocea," read crocea.

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